Preliminary Design

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Alumni Spotlight Web System (ASWS)

Initrode Solutions

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November 27, 2006
# Alumni Spotlight Web System
## Preliminary Design

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I. External Design Specifications

User Displays and report formats

Registration Screen

a.)
b.)

Personal Information
*First Name: ____________

*Last Name: ____________

*E-mail: ____________

*Retype E-mail: ____________

Create a password.
It must be a minimum of 6 characters in length and contain at least one number.

*Password: ____________

*Confirm Password: ____________

Please Choose a Security Question: What is your Mother's Maiden Name? *

Please Enter Your Answer: ____________ *

Submit Profile

* indicated fields that must be completed.

Submit Screen

Thank you for registering for the Alumni Spotlight Web System. You will receive an e-mail shortly with a link to confirm your registration.
Confirmation E-mail

From: info@drupal.org [info@drupal.org]
To: McConnell, Christopher
Cc: 
Subject: Account details for xSKK169x at drupal.org
Attachments:

xSKK169x,

Thank you for registering at drupal.org. You may now log in to http://drupal.org/user using the following username and password:

username: xSKK169x
password: fccVtmRHa5f

You may also log in by clicking on this link or copying and pasting it in your browser:

http://drupal.org/user/rentt/92728/1163737748/022d9eb7d8e2e298e2acc164f35e86f

This is a one-time login, so it can be used only once.

After logging in, you will be redirected to http://drupal.org/user/92728/edit so you can change your password.

Forgotten Password Screen

[Image of the Forgotten Password Screen from the Drupal website]
a.)

Home/My Account Screen

![Home/My Account Screen](image_url)
### College Life
- Graduation Year:
- Major:
- Minor:
- Favorite Class:
- Favorite Teacher:
- Graduate School:
- Siena Experience:

### Career
- Company:
- Job Title:
- Location:
- Salary (optional):
- Personal Experience:

### Personal Information
- Name:
- Email Address:
- Home Address:
- Home Phone:
- Cell Phone:
- Favorite Quote:

---

**HOME**  **EDIT PROFILE**  **PHOTO GALLERY**  **SEARCH**  **CONTACT US**
Edit Profile Screen

a.)
b.)

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name</td>
<td></td>
</tr>
<tr>
<td>Last Name</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>City, State, Zip Code</td>
<td></td>
</tr>
<tr>
<td>E-mail</td>
<td></td>
</tr>
<tr>
<td>Graduation year</td>
<td></td>
</tr>
<tr>
<td>Major, Minor</td>
<td></td>
</tr>
<tr>
<td>Favorite Class, Favorite Professor</td>
<td></td>
</tr>
<tr>
<td>Did you go to, or are you enrolled in Graduate School?</td>
<td>Yes/No</td>
</tr>
<tr>
<td>If Yes, what school?</td>
<td></td>
</tr>
<tr>
<td>Who do you work for?</td>
<td></td>
</tr>
<tr>
<td>Current Job Location, Current Job Title</td>
<td></td>
</tr>
<tr>
<td>Please describe your alumni experience</td>
<td></td>
</tr>
<tr>
<td>Please tell the community little about yourself. This could be anything from hobbies/interests to where you see yourself in 10 years.</td>
<td></td>
</tr>
<tr>
<td>Favorite Quote</td>
<td></td>
</tr>
<tr>
<td>Privacy Options</td>
<td></td>
</tr>
<tr>
<td>Public - Ok for the spotlight, everybody can see it.</td>
<td></td>
</tr>
<tr>
<td>Public-Protected - only viewable if spotlighted</td>
<td></td>
</tr>
<tr>
<td>Protected - community can view but NO to the spotlight.</td>
<td></td>
</tr>
<tr>
<td>Private - viewable specified users, yourself, and administrator</td>
<td></td>
</tr>
<tr>
<td>Please select a security question:</td>
<td></td>
</tr>
<tr>
<td>Please enter your security question answer</td>
<td></td>
</tr>
</tbody>
</table>

Submit Changes

NOTE: All * items must be filled in.
Search Screen

Search Page

Name: 
Graduation Year: 
E-Mail Address: 

Search

Results Screen

Results Page

Name: 
Graduation Year: 
Email Address: 

Name: 
Graduation Year: 
Email Address: 

Name: 
Graduation Year: 
Email Address: 

Contact Us Screen

Photo Gallery Screen
New Photo Album Screen

New Album

Name:  
Location:  
Description:  
Visible to:  
- Everyone
- Administrator
- Private (Only your profile)

Create Album  Cancel

Edit Album Screen

Album Name

These are your current photos:

Upload Picture:

Browse:  
Add Picture  Delete Picture  Delete Album
Photo Confirmation Screens

! Confirmation!
Are you sure you want to delete this picture.
Yes    No

! Confirmation!
Are you sure you want to delete this album.
Yes    No

Administrator Control Panel

drupal

admin
- Forums
- my blog
- create content
- my account
- Recent Forums
- news aggregator
- administer
- log out

Home > user account
admin

view    edit    track    contact

History

Member for
24 weeks 1 day

Blog
view recent blog entries
Administrator - Edit Account
Administrator Control Panel - Modules
Administrator Control Panel - Access

![Drupal Access Control Panel](image)

<table>
<thead>
<tr>
<th>Permission</th>
<th>Anonymous User</th>
<th>Authenticated User</th>
<th>Teacher</th>
<th>Writer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>aggregator module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>access news feeds</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>administrator news feeds</td>
<td></td>
<td></td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td><strong>block module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>administrator blocks</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>use PHP for block visibility</td>
<td>☑</td>
<td></td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td><strong>blog module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>edit own blog</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td><strong>book module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>create book pages</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>create new books</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>edit book pages</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>edit own book pages</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>outline posts in books</td>
<td></td>
<td></td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>see printer-friendly version</td>
<td>☑</td>
<td></td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td><strong>comment module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>access comments</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>administrator comments</td>
<td></td>
<td></td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>post comments</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>post comments without approval</td>
<td>☑</td>
<td></td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td><strong>filter module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>administrator filters</td>
<td></td>
<td></td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td><strong>forum module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>administrator forums</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>create forum topics</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>edit own forum topics</td>
<td></td>
<td></td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td><strong>locale module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>administrator locales</td>
<td></td>
<td></td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td><strong>menu module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>administrator menu</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td><strong>node module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>access content</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>administrator nodes</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>revert revisions</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>view revisions</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td><strong>page module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>create pages</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>edit own pages</td>
<td>☑</td>
<td>☑</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>
Administrator Control Panel - Content
Donec felis eros, blandit non.

Submitted by Admin on Sun, 2006-08-20 09:11.

Morbi id leo. Etiam molestuad eltem ut libero. Sed blandit, justa nec euloab
laoreet, nunc nulla lacus ut, ultrices. Donec dolor. Classaptat taciti sociis qu
ad litora torquent per causas nostra, por inceptis hymenas. Vivamus
vestibulum felis nec libero. Duis lobortis. Cum sociis natoquepenatibus et
magna elis pertinunt montes, accumsan ridiculus mus. Nunc semper pretium

© All rights reserved.
Administrator - Logs

The watchdog module monitors your web site, capturing system events in a log to be reviewed by an authorized individual at a later time.

Filter by message type:

<table>
<thead>
<tr>
<th>Type</th>
<th>Date</th>
<th>Message</th>
<th>User</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>user</td>
<td>2006-11-18 06:25</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:25</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:20</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:20</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:19</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:11</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:05</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:05</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:04</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>access denied</td>
<td>2006-11-18 06:04</td>
<td>admin/access denied access.</td>
<td>Anonymous view</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:03</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-11-18 06:03</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td></td>
</tr>
<tr>
<td>access denied</td>
<td>2006-09-15 02:25</td>
<td>admin/menu denied access.</td>
<td>Anonymous view</td>
<td></td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:24</td>
<td>page: added hit.</td>
<td>admin</td>
<td>view</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:23</td>
<td>Session closed for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:23</td>
<td>Session closed for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:22</td>
<td>Session closed for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:22</td>
<td>Session closed for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:21</td>
<td>Session closed for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>access denied</td>
<td>2006-09-15 02:20</td>
<td>admin/settings denied access.</td>
<td>Anonymous view</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:20</td>
<td>Session closed for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>page not found</td>
<td>2006-09-15 02:00</td>
<td># not found.</td>
<td>Anonymous</td>
<td></td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>page: deleted Hello.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>page: deleted test.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>page: deleted sample static page.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>story: deleted Test.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>page: deleted test.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>page: deleted TEST1.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>forum: deleted blah.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>forum: deleted blah blah...</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>content</td>
<td>2006-09-15 02:19</td>
<td>page: deleted This is a test.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:17</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:17</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:07</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:07</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>access denied</td>
<td>2006-09-15 02:06</td>
<td>admin/menu denied access.</td>
<td>Anonymous view</td>
<td></td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:00</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 02:00</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
<tr>
<td>user</td>
<td>2006-09-15 01:55</td>
<td>Session opened for admin.</td>
<td>admin</td>
<td>admin</td>
</tr>
</tbody>
</table>
### Administrator - Menu

**Menus**

Menus are a collection of links (menu items) used to navigate a website. The lists below display the currently available menus along with their menu items.

<table>
<thead>
<tr>
<th>Menu Item</th>
<th>Expanded</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forums</td>
<td></td>
<td>edit, disable, reset</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>archives</td>
<td></td>
<td>enable</td>
</tr>
<tr>
<td>blogs (disabled)</td>
<td></td>
<td>No enable</td>
</tr>
<tr>
<td>- my blog</td>
<td></td>
<td>locked</td>
</tr>
<tr>
<td>books (disabled)</td>
<td></td>
<td>No enable</td>
</tr>
<tr>
<td>compose links (disabled)</td>
<td></td>
<td>enable</td>
</tr>
<tr>
<td>contact (disabled)</td>
<td></td>
<td>enable</td>
</tr>
<tr>
<td>content (disabled)</td>
<td></td>
<td>No enable</td>
</tr>
<tr>
<td>- create content</td>
<td></td>
<td>No edit</td>
</tr>
<tr>
<td>- blog entry</td>
<td></td>
<td>edit disable</td>
</tr>
<tr>
<td>- book page</td>
<td></td>
<td>edit disable</td>
</tr>
<tr>
<td>- forum topic</td>
<td></td>
<td>edit disable</td>
</tr>
<tr>
<td>- page</td>
<td></td>
<td>edit disable</td>
</tr>
<tr>
<td>- poll</td>
<td></td>
<td>edit disable</td>
</tr>
<tr>
<td>- story</td>
<td></td>
<td>edit disable</td>
</tr>
<tr>
<td>polls (disabled)</td>
<td></td>
<td>No enable</td>
</tr>
<tr>
<td>search (disabled)</td>
<td></td>
<td>enable</td>
</tr>
<tr>
<td>my account</td>
<td></td>
<td>locked</td>
</tr>
</tbody>
</table>

**Recent Forums**

- categories
- sources
- administer
- access control
- aggregator
- blocks
- comments
- contact form
- content
- forums
- input formats
- localization
- logs
- references
- top pages
- top visitors
- recent hits
- menus
- modules
- settings
- aggregator
- blogapi
- content types
User Command Summary

Registration Screen

Picture "a" is a screen shot from the actual default Drupal interface while picture "b" is a picture of the actual fields that will be included in the final registration screen. These two screens will be combined in order to create one screen that will contain all necessary fields as well as provide a professional and user friendly design. The purpose of this screen is to allow new users to join the community. This screen is where new users will register for an account. The user’s email address will serve as their user name, or account ID for the web system. The user is then given a temporary password, which will confirm their account, and an email will be sent with the user’s password. Upon successful submission, the user will be directed to a confirmation screen. If the submission is unsuccessful, the screen will be reloaded with a note stating the reason for the error. This screen will be accessed from the sign on screen and possibly from other locations undetermined at this time.

Submit Screen

This screen will open in a new window thanking the user for registering with the Alumni Spotlight Web Systems. The purpose of this screen is to tell the user that they will be receiving an e-mail used to confirm the registration. It will only be accessed by users registering for an account.

Confirmation Email

The purpose of this e-mail is to tell the user that he/she has been approved for an account and that they are now able to log in to the system. This e-mail is a confirmation of a successful registration. This e-mail will only be sent to users that have just registered for a new account. It will contain a link that will direct the user back to the Drupal site. Upon clicking this link, the user's account will be verified. Another link will also be present in the e-mail that will allow the user to change their password. The account must be verified before the password can be changed.

Forgot Password Screen

The purpose of this screen is to give the user the ability to recover a lost or forgotten password. This screen contains two fields, via default, but will contain only one for our purposes. The user must enter their registered email address, and we will send them a new password which will act as the registration process has, where they will be given a link, and can then change their password to something they will remember.
Home/My Account Screen

Picture "a" is a screen shot of Drupal's default homepage that would act as the user's "Home/My Account" screen. Picture "b" is a custom design that shows all fields and buttons that will be included in the final version of the "Home/My Account" screen. These two screens will be combined in order to create one screen that will contain all necessary fields and buttons and will provide a professional and user friendly design. The users will see this screen once they successfully sign in to the system. After the user first registers, the profile will be blank. This screen consists of facts about the user including their careers, personal information, and their college life. This screen will also contain picture of the user that he/she chooses. From this screen the user will have multiple menu options which can be activated or deactivated by the Administrative user.

Edit Profile Screen

Picture "a" is a screen shot of the default "Edit Profile" screen provided by Drupal. Picture "b" is a screen shot of a custom design "Edit Profile" screen that contains all the correct fields and buttons that will be included in the final version of the "Edit Profile" screen. These two screens will be combined in order to create one screen that will contain all necessary fields and buttons and will provide a professional and user friendly design. The purpose of this page is to allow the user to change any information in their profile. This page will be accessed from the user’s Home/My Account screen. This screen contains information about the user, only some of which is required. The required fields are labeled with an asterisk. Upon submission, if no errors are found, the user will be redirected to their Home/My Account screen where the changes to their profile will be updated. If errors are found, the screen will be reloaded with a reason for the error.

Search Screen

Using this screen, registered users will be able to search for other members in the community. The user will search for other users by entering any of the following information (regarding the user they are searching for): name, e-mail address, or graduation year. The more information the user enters, the more specific the results that are returned will be. This screen will be accessed by clicking on the Search link located on the users Home/My Account Screen.

Results Screen

This screen will be shown after the user enters the search criteria for another user and clicks on the Search button on the Search Screen. This screen will provide a picture of the user along with their name, e-mail address, and their graduation year. If the user clicks on the other user’s picture, they will be redirected to that user’s profile.
Contact Us Screen

This picture is a screen shot of the default "Contact Us" screen provided by Drupal. This screen will be accessed when the user clicks the Contact Us link on their Home/My Account Screen. This feature is used in order to allow the user to ask the administrator a question or just leave the administrator a comment. When the user hits the Submit button, an e-mail will be sent to the administrator.

Photo Gallery Screen

This screen is a view of the users’ current photos and photo albums and is accessed by clicking on the Photo Gallery link on the users Home/My Account Screen. The user can view details about each album such as the number of pictures in it and the date it was created. The user also has the option of adding more albums. When the user clicks the Add Album button, the New Photo Album Screen appears.

New Photo Album Screen

This screen is used to create a new photo album. The user can enter the name of the album, where the pictures were taken, and a description of the album. The user will also have several privacy options for their album. If they choose “Everyone”, anybody who has access to the community system will be able to view their pictures. If they choose “Administrator”, the pictures will only be viewable by the user themselves and the administrator. The community will not have access to view these pictures. Lastly, if they choose “Private”, the pictures will only be visible by the user themselves. The administrator and the community will not have access to these pictures.

Edit Album Screen

This screen appears when the user wants to edit their albums and can be accessed by clicking on the Edit link on the Photo Gallery Screen. Inside the box will be a list of all the user’s albums. The user has the options of deleting an album or editing it if there are albums available. If the user clicks on an album, all of its contents will appear. The user will then have the option of adding or deleting a picture from the album. To add a picture the user will have to browse the computer and find the location of that picture. Once found, the user will click the Add Picture button and the picture will appear in the album. To delete a picture the user has to click the picture in order to highlight it and then click the Delete Picture button.
Photo Confirmation Screens

These screens will appear when the user attempts to delete either a picture (top photo) or an entire album (bottom photo). These screens can be accessed by clicking on Delete Album, or Delete Photo button on the Edit Album Screen. The boxes are a safety feature to ensure that the user knows they are deleting a picture or an entire album. If they click "Yes", they will return to their Edit Album Screen with their picture or album no longer there. If they choose No, they will simply be returned to the Edit Album Screen with no changes made.

Administrative Control Panel

This picture is a screen shot of what the administrative user will see when he/she logs in. This page will allow the administrator to view different blog or photo entries that he/she has created. The administrator will have the right to edit any of the information on this page.

Administrator - Edit Account

This screen can be accessed by clicking on the "Edit" tab located on the Administrative Control Panel Screen. This screen allows the administrator to change or add information to all aspects of his/her profile. This screen also provides a status option of "blocked" or "active." Selecting "blocked" prevents any other users from viewing the administrators profile while selecting "active" will allow all users to view the administrators' profile. For the purposes of the project, the default will be set to "blocked." In addition this screen will also allow the administrator to change the theme of the web site.

Administrator - Recent Events

This screen can be accessed by clicking on the "Administer" option on the left hand menu bar. This screen is another version of the Administrator - Logs screen. This screen allows the administrator to view the most recent occurrences of the system. This screen differs only slightly from the Logs screen in that it holds events for a shorter amount of time and it only displays the most recent events.

Administrative Control Panel - Modules

This screen can be located from the Administrative Control Panel screen by clicking on the "Modules" option located as a sub category of "administer" on the left hand menu bar. Modules are plug-ins for Drupal that extends its core functionality. This screen contains a list of all available modules as well as descriptions of each. From this screen, the administrator can chose which modules are enabled. Once a module is enabled, new permissions might be made available. Modules can be automatically temporarily disabled to reduce server load when the site becomes extremely busy. This can be done by checking the "throttle" check box instead of the "Enabled" check box.
Administrative Control Panel - Access

This screen can be located from the Administrative Control Panel screen by clicking on the "Access Control" option located as a sub category of "administer" on the left hand menu bar. This screen breaks down every aspect of the site and gives the administrator the option to allow or disallows each option for each user type. For example, community users can create profiles and web blogs but the “anyone” user can not.

Administrative Control Panel - Content

This screen can be located from the Administrative Control Panel screen by clicking on the "Content" option located as a sub category of "administer" on the left hand menu bar. From this location, the administrator can edit different types of content that will be available such as photo albums, blogs and forms.

Website Themes

The theme of the website can be changed by clicking on the "Themes" sub menu under the "administer" option on the left hand menu bar. It can also be accessed from the Administrator - Edit Account screen. At this point in the project, we have three possible theme options which are described below.

Website Theme 1

This template was created by the developing team at [http://openwebdesign.org](http://openwebdesign.org). This template uses a single section, with divisions among the site content and a standard top navigation bar. The side panel can display hot links that will allow changes to be made or will allow navigation to another page.

Website Theme 2

This template was created by Andreas Viklund, who is also commonly known as “Voodoo Dolly.” This template was recently redone on November 13, 2006. It contains a basic two column layout style with a navigation menu located on the right hand side. The middle of the screen would contain the site's content. This website theme was created using small images which helps the page load quickly.

Website Theme 3

This template is a sequel to another template called “Plain 1.0”. This template is called "Plain 2." It uses a two column system and provides a navigation menu along the top to provide basic links, and a side menu for more direct links. This template provides a very professional look, and also loads very quickly.
Administrator - Logs

This screen can be located from the Administrative Control Panel screen by clicking on the "Logs" option located as a sub category of "administer" on the left hand menu bar. This screen allows the administrator to view a log of activities that have occurred on the system. This list will tell the administrator which users log in and which do not as well as what users do when they are logged in. This screen also contains sub menus on the side that allow the administrator to see which users log in the most (this is called "Top Visitors") and which user profiles are searched the most (this is called "Top Pages").

Administrator - Menus

This screen can be located from the Administrative Control Panel screen by clicking on the "Menus" option located as a sub category of "administer" on the left hand menu bar. This screen allows the administrator to enable or disable certain accessories that are associated with the website. These accessories can be disabled completely or selectively. If a feature is disabled completely, no user can use that feature. If the feature is disabled selectively, a particular user's blog entry may be removed or that user's individual ability to use the blog feature can be removed.

Administrator - Settings

This screen can be located from the Administrative Control Panel screen by clicking on the "Settings" option located as a sub category of "administer" on the left hand menu bar. This screen allows the administrator to set general configuration settings for the site. Specifically the administrator can change general settings, error handling settings, file system settings, and can perform site maintenance and string handling. General settings include basic fields and options for the website and database. Error handling takes care of different errors that may arise during the use of the website. This will allow the administrator to access and change portions of the code if necessary. File system settings are simply in regards to the uploading of user photos. Site maintenance includes the theme and appearance of the site as a whole and string handling deals with checking to ensure that input that goes into the database is acceptable.

Administrator - User Screens

This screen can be located from the Administrative Control Panel screen by clicking on the "Users" option located as a sub category of "administer" on the left hand menu. This screen gives the administrator a list of all users that are registered within the system including how long they have been members, and the date and time of their last visit. Clicking on the "edit" option to the right of each statement will allow the administrator to edit the content of that user’s profile.
**Detailed Data Flow Diagrams**

A detailed data flow diagram is a graphical representation of the “flow” of data through some sort of computer aided system. This is a precursor to a Structure diagram, which shows/represents the data processing that goes on through out the system. Data flows utilize three basic symbols, as shown below to represent the structure, movement and interaction among the users, data, processes, and data stores – both internal and external.

Below is a key for the basic symbols used for our specific Detailed Data Flow diagrams which follow the key.

### Symbols Key

- **Processes**
- **Sources/Sinks**
- **Data Store**
- **Dataflows**
## Logical Data Stores

This is a table that represents the different fields for a community user account using a MySQL styled database. These are the elements that will compose the user’s profiles, and their specific data types, as well as an example and description for each.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Description</th>
<th>Data Type</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name</td>
<td>The community user's first name.</td>
<td>VARCHAR(20)</td>
<td>Christopher</td>
</tr>
<tr>
<td>Last Name</td>
<td>The community user's last name.</td>
<td>VARCHAR(35)</td>
<td>McConnell</td>
</tr>
<tr>
<td>City</td>
<td>Current city the user lives in.</td>
<td>VARCHAR(55)</td>
<td>Albany</td>
</tr>
<tr>
<td>State</td>
<td>Current state the user lives in.</td>
<td>CHAR(2)</td>
<td>NY</td>
</tr>
<tr>
<td>E-mail</td>
<td>Current contact e-mail, typically the user’s registered account name.</td>
<td>VARCHAR(30)</td>
<td><a href="mailto:me@siena.edu">me@siena.edu</a></td>
</tr>
<tr>
<td>Graduation Year</td>
<td>The year the user graduated Siena.</td>
<td>SMALLINT(4)</td>
<td>2006</td>
</tr>
<tr>
<td>Major</td>
<td>The user's major while at Siena.</td>
<td>VARCHAR(50)</td>
<td>Computer Science</td>
</tr>
<tr>
<td>Minor(s)</td>
<td>The user's minor(s) while at Siena.</td>
<td>VARCHAR(100)</td>
<td>Business &amp; Mathematics</td>
</tr>
<tr>
<td>Degree Earned</td>
<td>The user's degree they have earned.</td>
<td>VARCHAR(50)</td>
<td>BS in Computer Science</td>
</tr>
<tr>
<td>Favorite Class</td>
<td>The user's favorite class taken at Siena.</td>
<td>VARCHAR(100)</td>
<td>Software Engineering I</td>
</tr>
<tr>
<td>Favorite Professor</td>
<td>The user's favorite professor at Siena.</td>
<td>VARCHAR(100)</td>
<td>Dr. Breimer</td>
</tr>
<tr>
<td>Least Favorite Class</td>
<td>The user's least favorite class at Siena.</td>
<td>VARCHAR(100)</td>
<td>Digital Electronics</td>
</tr>
<tr>
<td>Graduate School</td>
<td>A Yes/No question asking the user if they have or are currently attending Graduate School.</td>
<td>BIT(1)</td>
<td>0</td>
</tr>
<tr>
<td>What Grad School</td>
<td>If the user said yes, what school it was they have gone to or is attending.</td>
<td>VARCHAR(75)</td>
<td>N/A</td>
</tr>
<tr>
<td>Current Job Location</td>
<td>Where the user is currently working.</td>
<td>VARCHAR(255)</td>
<td>Golub Corporation ITS/Programming Dept.</td>
</tr>
<tr>
<td>Current Job Title</td>
<td>What the user's current job title is.</td>
<td>VARCHAR(50)</td>
<td>Programmer/ Analyst II</td>
</tr>
<tr>
<td>Salary</td>
<td>The user's current salary.</td>
<td>MEDIUMINT(7)</td>
<td>62,324</td>
</tr>
<tr>
<td>Description on Siena Experience</td>
<td>The user's commentary on their Siena experience.</td>
<td>BLOB(1000)</td>
<td>Siena has been…</td>
</tr>
<tr>
<td>Personal Information</td>
<td>Any other personal information that the user would want to share with the community.</td>
<td>BLOB(1000)</td>
<td>I have 2 kids…</td>
</tr>
<tr>
<td>Favorite Quote</td>
<td>Some quote that the user feels is important or interesting.</td>
<td>BLOB(1000)</td>
<td>Hello there =).</td>
</tr>
</tbody>
</table>
Logical Data Dictionary

Account Changes

Description: Modifying the users account in the database.

Location:
Level (1)
Source: Modify Account
Destination: Content Management System

Date Created: 11/13/2006   Date Modified: 11/13/2006

Accounts Data

Description: This data flow represents the users account information, such as type, fields, pictures and access.

Location:
Level (0)
Source: Content Management System
Destination: Manage Community User Requests

Level (1)
Source: Content Management System
Destination: View Page

Level (1)
Source: Content Management System
Destination: Register

Date Created: 11/13/2006   Date Modified: 11/13/2006

Account Login Info

Description: This data flow represents a query call that returns a list of all user e-mail accounts, and passwords to check for correct log-in information from the user.

Location:
Level (0)
Source: Content Management System
Destination: Manage Community User Requests

Level (1)
Source: Content Management System
Destination: Verify Login

Date Created: 11/15/2006   Date Modified: 11/15/2006
Account Request

**Description:**
Prompts the database for the Community User’s profile.

**Location:**
Level (0)
Source: View Page
Destination: Content Management System

Date Created: 11/13/2006      Date Modified: 11/13/2006

---

**Administrative User**

**Description:**
This user has total control over the web system, including user accounts, the layouts, database, and modules that can be added or removed. For a more in-depth description see the use case for the Administrative user.

**Location:**
Context Diagram

**Inflows:**
- Error Page
- Profile Homepage

**Outflows:**
- Admin Login Information

Level (1)

**Inflows:**
- Admin Control Panel
- Error Page
- Changes
- Profile Homepage

**Outflows:**
- Admin Login Information

Level (2)

**Inflows:**
- Admin Control Panel
- Error Page
- Changed Material

**Outflows:**
- Admin Login Information
- Website Properties
- Database Properties

Level (3)

**Inflows:**
- Admin Control Panel
- Error Page
- Profile Homepage
- Removal Confirmation
- Spotlight Confirmation

**Outflows:**
- Admin Login Information
- Search Request
- Ban Request
- Spotlight Request
Admin Control Panel
Description:
Page containing the administrator's control options.
Location:
Level (0)
Source: Maintain Web System
Destination: Administrative User
Source: Manage Admin Request
Destination: Administrative User
Level (2)
Source: Verify Login
Destination: Administrative User
Level (3)
Source: Verify Login
Destination: Administrative User

Admin Login Information
Description:
The Administrators login name and password.
Location:
Context Diagram
Source: Administrative User
Destination: Alumni Spotlight Web System
Level (0)
Source: Administrative User
Destination: Maintain Web System
Level (0)
Source: Administrative User
Destination: Manage Admin Request
Level (2)
Source: Administrative User
Destination: Verify Login
Level (3)
Source: Administrative User
Destination: Verify Login
Admin Login Info

Data Flow

Description:
The data flow represents a query call that returns all of the administrative menus, control panel, log in information – such as password(s) – and then if verified is sent to the administrative user.

Location:
Level (0)
Source: Content Management System
Destination: Maintain Web System

Source: Content Management System
Destination: Manage Admin Request

Level (2)
Source: Content Management System
Destination: Verify Login

Level (3)
Source: Content Management System
Destination: Verify Login

Date Created: 11/13/2006      Date Modified: 11/13/2006

-------------------------------------------------------------------------------
Admin Login Info Request

Data Flow

Description:
The log in attempt by the administrative user, this data flow represents a call to the system for the Admin Login Info.

Location:
Level (0)
Source: Maintain Web System
Destination: Content Management System

Source: Manage Admin Request
Destination: Content Management System

Level (2)
Source: Verify Login
Destination: Content Management System

Level (3)
Source: Verify Login
Destination: Content Management System

Date Created: 11/15/2006      Date Modified: 11/15/2006

-------------------------------------------------------------------------------
Admin Maintenance

Description:
Any changes that an administrative user makes.

Location:
Context Diagram

Source: Alumni Spotlight Web System
Destination: Content Management System

Level (0)
Source: Maintain Web System
Destination: Content Management System

Date Created: 11/15/2006      Date Modified: 11/15/2006

-------------------------------------------------------------------------------------------

Alumni Spotlight Web System (0)

Description:
This is the basic; overall process that represents the entire Alumni Spotlight Web System. This will be further broken down in each level of our Detailed Data Flow Diagrams, in order to describe this process/entity in greater detail.

Location:
Context Diagram

Inflow: Registration Info
Login Info
E-mail Address
Admin Login Information
Page Request
Data

Outflow: Error Page
Profile Homepage
Spotlight Page
Login Data Request
Registration Data Request
Password Info Request
Admin Maintenance
Profile Request

Date Created: 11/15/2006      Date Modified: 11/15/2006

-------------------------------------------------------------------------------------------
**Anyone**  
*Description:*  
This represents the “anyone” user, who has limited options in what they can do with the Alumni Spotlight Web System. For a greater description take a look at the use case scenarios below.  
*Location:*  
Context Diagram  
Inflow: Spotlight Page  
Outflow: Page Request  
Level (0)  
Inflow: Spotlight Page  
Outflow: Page Request

**Date Created:** 11/15/2006  
**Date Modified:** 11/15/2006

---

**Ban Request**  
*Description:*  
Administrator chooses to ban a user from the community.  
*Location:*  
Level (3)  
Source: Administrative User  
Destination: Ban User

**Date Created:** 11/15/2006  
**Date Modified:** 11/15/2006

---

**Ban User (3.3)**  
*Description:*  
This process is the action that is taken by the administrative user to remove, or ban a specific e-mail account and profile from the system. This is used to prevent “joke” profiles from being created and hurting the integrity of our system.  
*Location:*  
Level (3)  
Inflows: Ban Request  
Success/Error Message  
Outflows: Removal Confirmation  
Error Page  
Remove Request

**Date Created:** 11/13/2006  
**Date Modified:** 11/13/2006
**Changed Material**  
*Description:*  
This data flow represents the accepted or rejected changes that the administrative user has made. He will see the new changes instantly on his own screen, and can browse the site to see if his changes should be accepted or rejected.

*Location:*  
Level (2)  
Source: Maintain Database  
Destination: Administrative User  
Source: Maintain Website  
Destination: Administrative User

Date Created: 11/15/2006  
Date Modified: 11/15/2006

**Changes**  
*Description:*  
Changes made by any Community User.

*Location:*  
Level (0)  
Source: Maintain Web System  
Destination: Administrative User

Date Created: 11/13/2006  
Date Modified: 11/13/2006
Community User

*Description:*

This represents the “community user” who self registers with the system. This user has limited access, but owns an editable account. For a more detailed description view the use case scenarios below.

*Location:*

Context Diagram

**Level (0)**

**Inflows:**
- User Homepage
- Registration E-mail
- Password E-mail
- Error Page

**Outflows:**
- Login Info
- Registration Request

**Level (1)**

**Inflows:**
- User Homepage
- Error Page
- Registration E-mail
- Password Email

**Outflows:**
- Login Info
- Registration Request
- Modification Request
- Password Info

*Date Created: 11/15/2006*  
*Date Modified: 11/15/2006*

--------------------------------------------

**Confirmation**

*Description:*

Confirm the data changes that were made to the website or the database.

*Location:*

**Level (2)**

**Source:** Content Management System
**Destination:** Maintain Website

**Source:** Content Management System
**Destination:** Maintain Database

*Date Created: 11/13/2006*  
*Date Modified: 11/13/2006*
Content Management System

*Description:* Open source system that will create and maintain MYSQL database and website.

*Location:*

**Context Diagram**

**Inflows:**
- Login Data Request
- Registration Data Request
- Password Info Request
- Admin Maintenance
- Profile Request

**Outflows:**
- Data

**Level (0)**

**Inflows:**
- Login Data Request
- Registration Data Request
- Password Info Request
- Admin Login Info Request
- Admin Maintenance
- Profile Request
- Account Request

**Outflows:**
- Account Login Info
- Accounts Data
- Password
- Admin Login Info
- Success/Error Message
- Profile

**Level (1)**

**Inflows:**
- Login Data Request
- Registration Data Request
- Account Changes
- Password Info Request

**Outflows:**
- Account Login Info
- Accounts Data
- New Account Information
- Password

**Level (2)**

**Inflows:**
- Admin Login Info Request
- Data Changes

**Outflows:**
- Admin Login Info
- Confirmation

**Level (3)**

**Inflows:**
- Admin Login Info Request
- Profile Request
- Remove Request
- Generation Request

**Outflows:**
- Admin Login Info
- Profile
**Data**

*Description:*
A data flow that represents all types of user account data, password information, request calls from both administrative, and community users. This data flow is then broken down further in the following diagrams to better represent what each user is looking for.

*Location:*
Context Diagram

<table>
<thead>
<tr>
<th>Source</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content Management System</td>
<td>Alumni Spotlight Web System</td>
</tr>
</tbody>
</table>

**Data Changes**

*Description:*
Any type of changes that the administrative user has made to either the website, or the database. Examples of such would be adding modules, or changing a CSS, or adding a new field to the database table.

*Location:*
Level (2)

<table>
<thead>
<tr>
<th>Source</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintain Website</td>
<td>Content Management System</td>
</tr>
<tr>
<td>Maintain Database</td>
<td>Content Management System</td>
</tr>
</tbody>
</table>

**Database Properties**

*Description:*
Changing the Database settings, such as adding a new table, changing the length on an instance in the database, or changing relationships – either adding or deleting.

*Location:*
Level (2)

<table>
<thead>
<tr>
<th>Source</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative User</td>
<td>Maintain Database</td>
</tr>
</tbody>
</table>
E-mail Address

Description:
The E-mail address of the user.

Location:
Context Diagram
Source: Community User
Destination: Alumni Spotlight Web System

Date Created: 11/15/2006      Date Modified: 11/15/2006

Error Page

Description:
The page that is sent to the user if he/she makes a mistake logging in.

Location:
Context Diagram
Source: Alumni Spotlight Web System
Destination: Community User

Source: Alumni Spotlight Web System
Destination: Administrative User

Level (0)
Source: Manage Community User Requests
Destination: Community User

Source: Maintain Web System
Destination: Administrative User

Source: Manage Admin Request
Destination: Administrative User

Level (1)
Source: Verify Login
Destination: Community User

Source: Register
Destination: Community User

Source: Retrieve Password
Destination: Community User

Level (2)
Source: Verify Login
Destination: Administrative User

Source: Maintain Website
Destination: Administrative User
Source: Maintain Database  
Destination: Administrative User  

Source: Verify Login  
Destination: Administrative User  

Source: View Profile  
Destination: Administrative User  

Source: Ban User  
Destination: Administrative User  

Source: Spotlight User  
Destination: Administrative User  

Date Created: 11/15/2006      Date Modified: 11/15/2006  

------------------------------------------------------------------------------------------------------------

**Generation Request**  

*Description:*  
Web Server tells the database what profile information to compile.  

*Location:*  
Level (3)  
Source: Spotlight User  
Destination: Content Management System  

Date Created: 11/15/2006      Date Modified: 11/15/2006  

------------------------------------------------------------------------------------------------------------

**Login Data Request**  

*Description:*  
Spotlight system requests list of usernames and passwords for verification of login.  

*Location:*  
Context Diagram  
Source: Alumni Spotlight Web System  
Destination: Content Management System  

Level (0)  
Source: Manage Community User Request  
Destination: Content Management System  

Level (1)  
Source: Verify Login  
Destination: Content Management System  

Date Created: 11/15/2006      Date Modified: 11/15/2006  

------------------------------------------------------------------------------------------------------------
**Login Info**

*Description:*
The users E-mail address and password to logon to the system.

*Location:*
- **Context Diagram**
  - Source: Community User
  - Destination: Alumni Spotlight Web System
- **Level (0)**
  - Source: Community User
  - Destination: Manage Community User Requests
- **Level (1)**
  - Source: Community User
  - Destination: Verify login

Date Created: 11/13/2006      Date Modified: 11/13/2006

**Manage Admin Request (3)**

*Description:*
This process represents all types of actions that the administrative user can take. This is a basic; overall process that will be broken down further in the following diagrams.

*Location:*
- **Level (0)**
  - Inflow: Admin Login Information
  - Admin Login Info
  - Profile
  - Outflows: Admin Control Panel
  - Error Page
  - Profile Homepage
  - Admin Login Info Request
  - Profile Request

Date Created: 11/15/2006      Date Modified: 11/15/2006
Manage Community User Requests (1)

Description:
This process represents all types of actions that the community user can take. This is a basic; overall process that will be broken down further in the following diagrams.

Location:
Level (0)

Inflow: Login Info
Registration Request
Password Info
Account/Login Info
Accounts Data
Password

Outflows: User Homepage
Registration E-mail
Password E-mail
Error Page
Login Data Request
Registration Data Request
Password Info Request

Date Created: 11/15/2006  Date Modified: 11/15/2006

Maintain Database (2.3)

Description:
The process that the administrative user takes part in when he makes any type of modification to the database itself.

Location:
Level (2)

Inflows: Database Properties
Confirmation

Outflows: Error Page
Changed Material
Data Changes

Date Created: 11/15/2006  Date Modified: 11/15/2006
**Maintain Website (2.2)**

**Description:**
The process that the administrative user takes part in when he makes any type of modification to the website itself.

**Location:**
Level (2)

- **Inflows:** Website Properties, Confirmation
- **Outflows:** Data Changes, Changed Material, Error Page

Date Created: 11/15/2006          Date Modified: 11/15/2006

**Maintain Web System (2)**

**Description:**
This process represents all types of actions that the administrative user can take in relationship to the web system. This is a basic; overall process that will be broken down further in the following diagrams.

**Location:**
Level (0)

- **Inflow:** Admin Login Information
- **Outflows:** Admin Login Info Request

Date Created: 11/15/2006          Date Modified: 11/15/2006

**Modification Request**

**Description:**
User changes their profile.

**Location:**
Level (1)

- **Source:** Community User
- **Destination:** Modify Account

Date Created: 11/15/2006          Date Modified: 11/15/2006
Modify Account (1.3)  

**Description:**
A basic; overall process that represents the user’s ability to modify their account, either with changes/deletion/addition of information, photos, or blogs (if added).

**Location:**
Level (1)

<table>
<thead>
<tr>
<th>Inflows</th>
<th>Outflows</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modification Request</td>
<td>User Homepage</td>
</tr>
<tr>
<td>New Account Information</td>
<td>Account Changes</td>
</tr>
</tbody>
</table>

Date Created: 11/15/2006  Date Modified: 11/15/2006

---

**New Account Information**

**Description:**
Sends the edited account information back to the web server.

**Location:**
Level (1)

<table>
<thead>
<tr>
<th>Source</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content Management System</td>
<td>Modify Account</td>
</tr>
</tbody>
</table>

Date Created: 11/15/2006  Date Modified: 11/15/2006

---

**Page Request**

**Description:**
The "anyone" user looks at the spotlighted profile on the Siena website.

**Location:**
Context Diagram
Level (0)

<table>
<thead>
<tr>
<th>Source</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anyone (siena.edu)</td>
<td>Alumni Spotlight Web System</td>
</tr>
<tr>
<td>Anyone</td>
<td>View Page</td>
</tr>
</tbody>
</table>

Date Created: 11/14/2006  Date Modified: 11/14/2006
**Password**

*Description:* Holds the user’s password.

*Location:*

- **Level (0)**
  - Source: Content Management System
  - Destination: Manage Community User Requests
- **Level (1)**
  - Source: Content Management System
  - Destination: Retrieve Password

Date Created: 11/15/2006  
Date Modified: 11/15/2006

---

**Password E-mail**

*Description:* The e-mail that is sent to the user containing their current password.

*Location:*

- **Level (0)**
  - Source: Manage Community User Requests
  - Destination: Community User
- **Level (1)**
  - Source: Retrieve Password
  - Destination: Community User

Date Created: 11/15/2006  
Date Modified: 11/15/2006

---

**Password Info**

*Description:* The password that the user types in.

*Location:*

- **Level (0)**
  - Source: Community User
  - Destination: Manage Community User Requests
- **Level (1)**
  - Source: Community User
  - Destination: Retrieve Password

Date Created: 11/15/2006  
Date Modified: 11/15/2006
**Password Info Request**

*Description:* Retrieves password from database if lost or forgotten.

*Location:*
  - **Context Diagram**
    - **Source:** Alumni Spotlight Web System
    - **Destination:** Content Management System
  
  **Level (0)**
    - **Source:** Manage Community User Requests
    - **Destination:** Content Management System
  
  **Level (1)**
    - **Source:** Retrieve Password
    - **Destination:** Content Management System

*Date Created:* 11/15/2006 *Date Modified:* 11/15/2006

---

**Profile**

*Description:* The Community User’s profile.

*Location:*
  - **Level (0)**
    - **Source:** Content Management System
    - **Destination:** Manage Admin Request

  **Level (3)**
    - **Source:** Content Management System
    - **Destination:** View Profile

*Date Created:* 11/15/2006 *Date Modified:* 11/15/2006

---

**Profile Homepage**

*Description:* The community users profile the administrator requests.

*Location:*
  - **Context Diagram**
    - **Source:** Alumni Spotlight Web System
    - **Destination:** Administrative User

  **Level (0)**
    - **Source:** Manage Admin Request
    - **Destination:** Administrative User

  **Level (3)**
    - **Source:** View Profile
    - **Destination:** Administrative User

*Date Created:* 11/15/2006 *Date Modified:* 11/15/2006
<table>
<thead>
<tr>
<th>Profile Information</th>
<th>Data Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>The spotlighted user’s information from their profile.</td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td>Level (3)</td>
</tr>
<tr>
<td>Source:</td>
<td>Content Management System</td>
</tr>
<tr>
<td>Destination:</td>
<td>Spotlight User</td>
</tr>
</tbody>
</table>

Date Created: 11/13/2006      Date Modified: 11/13/2006

<table>
<thead>
<tr>
<th>Profile Request</th>
<th>Data Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>Obtaining profile data from the database.</td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td>Context Diagram Level (0) Level (3)</td>
</tr>
<tr>
<td>Source:</td>
<td>Alumni Spotlight Web System</td>
</tr>
<tr>
<td>Destination:</td>
<td>Content Management System</td>
</tr>
<tr>
<td>Source:</td>
<td>Manage Admin Request</td>
</tr>
<tr>
<td>Destination:</td>
<td>Content Management System</td>
</tr>
<tr>
<td>Source:</td>
<td>View Profile</td>
</tr>
<tr>
<td>Destination:</td>
<td>Content Management System</td>
</tr>
</tbody>
</table>

Date Created: 11/15/2006      Date Modified: 11/15/2006

<table>
<thead>
<tr>
<th>Receive Page</th>
<th>Data Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>The &quot;anyone&quot; user receives the requested page.</td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td>Context Diagram</td>
</tr>
<tr>
<td>Source:</td>
<td>Alumni Spotlight Web System</td>
</tr>
<tr>
<td>Destination:</td>
<td>Anyone (siena.edu)</td>
</tr>
</tbody>
</table>

Date Created: 11/13/2006      Date Modified: 11/13/2006
Register (1.2)  

*Process*

**Description:**
The basic; overall process that represents a community user’s attempt at registering. The user will enter the necessary information to register their account with the system.

**Location:**

Level (1)

Inflows:
- Registration Request
- Accounts Data

Outflows:
- Registration E-mail
- Error Page
- Registration Data Request

Date Created: 11/15/2006      Date Modified: 11/15/2006

Registration Data Request  

*Data Flow*

**Description:**
This data flow represents a query call that asks the CMS for the list of current e-mail addresses to be compared to the current e-mail address the user is attempting to register with.

**Location:**

Context Diagram

Level (0)
- Source: Alumni Spotlight Web System
- Destination: Content Management System

Level (1)
- Source: Manage Community User Requests
- Destination: Content Management System

Date Created: 11/15/2006      Date Modified: 11/15/2006

Registration E-mail  

*Data Flow*

**Description:**
Confirmation e-mail that the user receives when their registration is complete.

**Location:**

Level (0)
- Source: Manage Community User Request
- Destination: Community User

Level (1)
- Source: Register
- Destination: Community User

Date Created: 11/15/2006      Date Modified: 11/15/2006
**Registration Info**

*Description:*
An HTML form which the user fills out to complete the registration process.

*Location:*
Context Diagram
- Source: Community User
- Destination: Alumni Spotlight Web System

Date Created: 11/15/2006      Date Modified: 11/15/2006

**Registration Request**

*Description:*
User fills out a registration form in order to become a community member.

*Location:*
- Level (0)
  - Source: Community User
  - Destination: Manage Community User Request
- Level (1)
  - Source: Community User
  - Destination: Register

Date Created: 11/13/2006      Date Modified: 11/13/2006

**Remove Request**

*Description:*
The Web Server tells the database to remove user from the database.

*Location:*
- Level (3)
  - Source: Ban User
  - Destination: Content Management System

Date Created: 11/15/2006      Date Modified: 11/15/2006

**Removal Confirmation**

*Description:*
A confirmation message received by the Administrative User informing him/her that the user was banned from the community.

*Location:*
- Level (3)
  - Source: Ban User
  - Destination: Administrative User

Date Created: 11/15/2006      Date Modified: 11/15/2006
**Retrieve Password (1.4)**

*Description:* This process represents the ability for a community user to retrieve a password if they have forgotten what their password is.

*Location:*
  Level (1)

*Inflows:* Password Info  
Password

*Outflows:* Password E-mail  
Error Page  
Password Info Request

---

**Search Request**

*Description:* The administrator searches for a Community User’s profile.

*Location:*
  Level (3)

*Source:* Administrative User  
*Destination:* View Profile

---

**Spotlight Confirmation**

*Description:* A message received by the Administrative User confirming that the chosen profile was spotlighted.

*Location:*
  Level (3)

*Source:* Spotlight User  
*Destination:* Administrative User

---

**Spotlight Page**

*Description:* Appears on the Siena College homepage with a Community User’s profile featured.

*Location:*
  Level (0)

*Source:* View Page  
*Destination:* Anyone

---

Date Created: 11/13/2006    Date Modified: 11/13/2006
Date Created: 11/15/2006    Date Modified: 11/15/2006
Date Created: 11/15/2006    Date Modified: 11/15/2006
Spotlight Request

Description:
The Administrative User chooses a profile to spotlight on the Siena Webpage.

Location:
Level (3)

Source: Administrative User
Destination: Spotlight User

Date Created: 11/15/2006
Date Modified: 11/15/2006

Spotlight User (3.4)

Description:
This process is what allows the administrative user to select a specific user profile to be “spotlighted” on the CS home page.

Location:
Level (3)

Inflows: Spotlight Request
Profile Information
Success/Error Message
Outflows: Spotlight Confirmation
Error Page
Generation Request

Date Created: 11/15/2006
Date Modified: 11/15/2006

Success/Error Message

Description:
A data flow that represents a simple confirmation or error message sent to the user if the changes made did not take by the CMS.

Location:
Level (0)

Source: Content Management System
Destination: Maintain Web System

Level (3)

Source: Content Management System
Destination: Ban User

Source: Content Management System
Destination: Spotlight User

Date Created: 11/15/2006
Date Modified: 11/15/2006
User Homepage

Description:
The user’s personalized homepage, which displays their profile information.

Location:
Level (0)
Source: Manage Community User Request
Destination: Community User

Level (1)
Source: Verify Login
Destination: Community User
Source: Modify Account
Destination: Community User

Date Created: 11/15/2006      Date Modified: 11/15/2006

Verify Login (1.1)

Description:
The process in which the user’s entered e-mail address is compared to the list of e0-mail addresses, and then the password that was entered is compared. If no matches are found, the login does not occur.

Location:
Level (1)
Inflows: Login Info
          Account Login Info
Outflows: User Homepage
          Error Page
          Account Login Info

Level (2)
Inflows: Admin Login Information
          Admin Login Info
Outflows: Admin Control Panel
          Error page
          Admin Login Info Request

Level (3)
Inflows: Admin Login Information
          Admin Login Info
Outflows: Admin Control Panel
          Error Page
          Admin Login Info Request

Date Created: 11/15/2006      Date Modified: 11/15/2006
**View Page**

*Process*

*Description:*
The process in which an “anyone” user goes to the Siena College Computer Science home page and is able to view the spotlighted alumni page.

*Location:*
Level (1)

**Inflows:**
- Page Request
- Accounts Data

**Outflows:**
- Spotlight Page
- Account Request

Date Created: 11/15/2006      Date Modified: 11/15/2006

-----------------------------------------------------------------------------------

**View Profile (3.2)**

*Process*

*Description:*
This process represents the ability for the administrative user to look at (view) specific profiles of community users registered within the system.

*Location:*
Level (3)

**Inflows:**
- Search Request
- Profile

**Outflows:**
- Profile Homepage
- Error Page
- Profile Request

Date Created: 11/13/2006      Date Modified: 11/13/2006

-----------------------------------------------------------------------------------

**Website Properties**

*Data Flow*

*Description:*
Any changes that the administrative user might have changed, such as the CSS, or modules that are sent from the administrative user to the website, and then to the CMS.

*Location:*
Level (2)

**Source:** Administrative User
**Destination:** Maintain Website

Date Created: 11/15/2006      Date Modified: 11/15/2006

-----------------------------------------------------------------------------------
Logical Format of Data Files and Databases

Relationship

This screen shot shows a view of our one and only database table. Due to the fact that this project only requires one table, it follows that only one relationship will exist. This will also help to increase the speed of loading time, as the server upon which the site will be run will be able to cache this entire table, making profiles and logins much quicker.
This sample picture is a screen shot of what our table will look like. This includes the names of the fields that will be included as well as the data types for each field. Each field will also be accompanied by a short description. It is important to note that this is only a mock up version of the table, done in Microsoft Access, not in MySQL as our final table will be done in, therefore causing certain fields to be misrepresented in their data types. The correct data types have been supplied above in the Logical Data Store section.
Queries

This picture is a screen shot that shows possible queries that might be run to enhance the functionality of the database. The “Accounts_Data” query returns all information for all the users in the database. The “Login_Information” query returns the user’s e-mail address and password in order to verify login information. This information is then placed in ascending order by e-mail address. The “Retrieve_Password_Email” query returns the user’s first and last name as well as their e-mail address and password. This information will be used in order to verify authenticity when sending out a forgotten password. The “Spotlight_Page_Info” query returns the user’s first name, last name, graduation year, major, current job, current job location, description of years at Siena and their favorite class. This information will be used when selecting and posting user’s for the spotlight.
II. Architectural Design Specification

Structure Diagrams

A data structure diagram, or structure diagram for short, is a data model that is used to describe other conceptual data models (the Detailed Data Flow Diagrams) by providing a hierarchical view of how all the users, processes, and data flow will occur. This sort of diagram also allows the viewer to see certain processes that are utilized by more than one member/user of the system if such an event occurs.

Alumni Spotlight Web System:
Structure Diagram
III. Testing Requirements

Requirements Inventory

Use Case Scenarios

The Alumni Spotlight Web System will include three different user cases, each of which are described below including check lists of specific needs for each.

Administrative User:
- This user will be the first user in the database, and first one created on the CMS.
- The user name will be “Administrator” and a password that we have yet to determine.
- This user will have complete access to all accounts.
  - The administrator will be able to see all registered accounts.
  - The administrator should be able to delete a user from the community.
  - The administrator should be able to edit a user’s account in the community.
- Will be able to modify the website as well as the database behind it.
  - Will have access to the MySQL database table to edit it.
  - Will be able to change the table settings in the database.
  - Will be able to change the style sheets for the website.
  - Will have the ability to change functions for the website.
- Administrative users will be able to select specific community members to be spotlighted on the Siena College Computer Science Home Page.
- The administrative user will be able to delete the account.
- No profile homepage instead has the control panel.
- Will not be able to change the log in name of “Administrator”

Community User:
- User will self register with the community
- The user will use his/her E-mail address as their User name (Log In).
- The password will consist of 6-12 characters, and must contain at least one number.
- If the user forgets their password, the user can retrieve it automatically via a link “Forgotten Password” which will e-mail the user their current password.
- The user will have their own account profile which will be customizable with personal information.
  - The following is a list of what will be included in a User’s profile:
    - First Name – User’s first name.
    - Last Name – User’s last name.
    - City - Current city the user lives in.
    - State – Current state the user lives in.
    - E-mail – Current E-mail address the user is using.
    - Graduation Year – What year the user graduated Siena.
• Major – What the user’s major was.
• Minor(s) – Any minor(s) the user had, if applicable.
• Degree Earned – The user’s current degree.
• Favorite Class – The user’s favorite class at Siena.
• Favorite Professor – The user’s favorite professor at Siena.
• Least Favorite Class – The user’s least favorite class at Siena.
• Graduate School – A Yes or No question if the user has gone to, or is currently attending graduate school.
• What School if applicable – The name of the school if the previous field was yes.
• Current Job Location – The user’s current company they work for.
• Current Job Title – The user’s current job title at work.
• Salary – The user’s current salary at their current job.
• Description on Siena Experience – A small description of what the user felt about their time spent at Siena college.
• Personal Information – Any other personal information the user might want to share such as family status.
• Favorite Quote – A quote the user might have found inspiring in their life or simply something they have heard.

- Will be able to upload a photo depicting them.
  - There will also be a sub part, containing photo albums.
  - The user can create, update, delete and add new photo albums.
  - The user can also update, delete, and add to old albums as well.
- Will have their own photo Album that can be updated.
- Will be able to search other community members that have registered for the Alumni Spotlight Web System.

Anyone:
- This user does not need to register for the community.
- Since the user is not registered, there is no account associated with the user on the community.
- Represents any user that visits the Siena College Computer Science Home page.
- Will only be able to view the current Alumni Spotlight that is active on the page above.

Functional Requirements Inventory

- The Alumni Spotlight Web System must be web based, so anyone can access it from anywhere.
- The system must work with all major Browsers, including but not limited to:
  - Internet Explorer 6.0 as well as 7.0
  - Mozilla Firefox 1.5.07
  - Netscape 7.1
  - Safari 2.0.4
- The system should be controlled by some sort of CMS to facilitate the administrator’s job.
• Allow an administrator to access, monitor, and maintain the web site.
  o Ability to review, accept, and deny initial profiles and changes made to those profiles later on.
  o Ability to select and use a profile for the Alumni Spotlight.
• Allow the administrator to access the database to maintain the user’s data, and make sure the system runs correctly.
• The administrator must be able to select specific community user(s) for the Alumni Spotlight.
• Allow the administrator to generate a page automatically for the Siena College Computer Science Home Page displaying the Alumni Spotlight.
• In accordance to the point above, this selection must generate the page to be loaded on the Siena College Computer Science Home Page.
• Allow secure sign in to the system via a sign on screen.
• According to the Use Case scenarios, we will ensure that each user type is correctly established.
• Allow self-registration into the system.
• Allow users to change/add new personal information to their profile in the following areas:
  ▪ First Name
  ▪ Last Name
  ▪ City
  ▪ State
  ▪ E-mail
  ▪ Graduation Year
  ▪ Major
  ▪ Minor(s)
  ▪ Degree Earned
  ▪ Favorite Class
  ▪ Favorite Professor
  ▪ Least Favorite Class
  ▪ Graduate School
  ▪ What School if applicable
  ▪ Current Job Location
  ▪ Current Job Title
  ▪ Salary
  ▪ Description on Siena Experience
  ▪ Personal Information
  ▪ Favorite Quote
• Finally, all page links will be tested and ensure that they redirect users to their appropriate link.
Sign On Screen

- Upon pressing the “Log On” button we will ensure that the user name and password is correct, and then redirects the user to their home page.
- We will ensure that the link for registration brings the user to the “Registration Screen.”
- Lastly, we will ensure that the link for a forgotten password works correctly as well, placing the user at the “Forgotten Password Screen.”

Registration Screen

- We will make sure that all indicated fields are filled in, and check the fields to ensure they can handle specific characters, such as spaces or single quotes.
- We will also make sure that upon submission, the account will be activated, and a confirmation email will be sent telling the user that their registration was a success. If the account exists already, we will re-direct the user to a page informing them that there is an account with that email address already.

Forgotten Password Screen

- We will make sure the email account entered is contained in our database, and if it is, send the user their password.

Home / My Account Screen

- We will make sure the correct information loads with the specified profile.
- A check of all the links will be done, ensuring that they all lead to their correct, respective pages.

Edit Profile Screen

- This page will check to make sure all required fields have been filled in above all else.
- We will ensure specific characters such as spaces and single quotes are acceptable.
- Upon submission, we will make sure that each field is saved in the database, actually updating the specified profile.

Search Screen

- Upon pressing “Search” we will make sure the fields entered check the database, and return the user to the results screen, showing correct information according to the search criteria.
Results Screen

- We will ensure that the profiles displayed here are correct in accordance with the search criteria.

Contact Us Screen

- We will ensure this screen will send an email to the systems administrator correctly including the user who sent it, as well as the comments that the user filled out within the comments area.

Photo Gallery Screen

- This screen will show the appropriate albums for the profile signed on.
- We will also make sure that any links – IE Upload, Delete, and Edit – are in working order.

New Photo Album

- Again we will make sure each link works, and that upon submission the new album along with pictures will be uploaded to the server, and be available for viewing purposes.

Edit Album Screen

- We will ensure that all links work correctly and that the database files reflect the changes.

Admin Control Panel

- Due to the complexity of the control panel itself, we will summarize the basic operations that are held within the system. Since our open source CMS will create the basic functionality of the Admin Control Panel the basic things to check will be
  - That each link on the page works.
  - Any change made by the administrative user is reflected on the site, or database depending upon which has been modified.
  - That the administrative user will be able to select a community user as a spotlighted member, creating a page for the Siena College Computer Science homepage.
Non-Functional Requirements Inventory

- The system should be fast, using fast servers and databases.
- This system should be easily adaptable, to enable Siena College to experience this community if desired.
Unit Testing

The unit test is a procedure used to validate that a particular aspect – code, screen, etc. – are functioning correctly, or helps to indicate what the possible problem is. Most tests should be independent from one another, so that each unit or entity is not causing problems with another.

Below is a list of the majority of unit tests that Initrode Solutions will be carrying out later on in the spring 2007 semester. Below is the main directory of the unit tests broken down by screens, which is followed by a subdirectory listing of all the tests for each specific screen. This is finalized by actual testing requirements for the units for most of the screens.

Please note, all links are specified for the separate Microsoft Excel file, which can be found on the Initrode Solutions website. These links do not work in this specific file.

Test Directory

<table>
<thead>
<tr>
<th>Screens to be Tested</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Sign On</td>
<td></td>
</tr>
<tr>
<td>2 User Registration</td>
<td></td>
</tr>
<tr>
<td>3 Registration Submission</td>
<td></td>
</tr>
<tr>
<td>4 Confirmation E-mail</td>
<td></td>
</tr>
<tr>
<td>5 Registration Error</td>
<td></td>
</tr>
<tr>
<td>6 Incorrect Password</td>
<td></td>
</tr>
<tr>
<td>7 Forgot Password</td>
<td></td>
</tr>
<tr>
<td>8 Forgotten Password E-mail</td>
<td></td>
</tr>
<tr>
<td>9 My Account</td>
<td></td>
</tr>
<tr>
<td>10 Edit Profile</td>
<td></td>
</tr>
<tr>
<td>11 Search Profiles</td>
<td></td>
</tr>
<tr>
<td>12 Results of Search</td>
<td></td>
</tr>
<tr>
<td>13 Browse Profiles</td>
<td></td>
</tr>
<tr>
<td>14 View Profile</td>
<td></td>
</tr>
<tr>
<td>15 Contact Us</td>
<td></td>
</tr>
<tr>
<td>16 Photo Gallery</td>
<td></td>
</tr>
<tr>
<td>17 New Photo Album</td>
<td></td>
</tr>
<tr>
<td>18 Edit Photo Album</td>
<td></td>
</tr>
<tr>
<td>19 View Photo Album</td>
<td></td>
</tr>
<tr>
<td>20 Delete Photo Confirmation</td>
<td></td>
</tr>
<tr>
<td>21 Delete Album Confirmation</td>
<td></td>
</tr>
</tbody>
</table>

External Testing

<table>
<thead>
<tr>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Spotlight Page Creation</td>
</tr>
</tbody>
</table>
This is our secondary directory for Unit Testing. It breaks down the overall testing into more manageable parts.

### Screens to be Tested

| Pass/Fail |  
|---|---|
| **1** | **Sign On** |
| 1.1 | Enter User Name |
| 1.2 | Enter Password |
| 1.3 | Login Attempt With Unregistered User Name |
| 1.4 | Login Attempt With Registered User Name and Incorrect Password |
| 1.5 | Login Attempt With Registered User Name and Correct Password |
| 1.6 | Register Button Clicked |
| 1.7 | Forgotten Password Link Clicked |

<table>
<thead>
<tr>
<th><strong>2</strong></th>
<th><strong>User Registration</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>First Name Entered</td>
</tr>
<tr>
<td>2.2</td>
<td>Last Name Entered</td>
</tr>
<tr>
<td>2.3</td>
<td>E-mail Address Entered</td>
</tr>
<tr>
<td>2.4</td>
<td>E-mail Address Re-entered</td>
</tr>
<tr>
<td>2.5</td>
<td>Password Entered</td>
</tr>
<tr>
<td>2.6</td>
<td>Password Re-entered</td>
</tr>
<tr>
<td>2.7</td>
<td>Registration Attempt With Fields Not Entered</td>
</tr>
<tr>
<td>2.8</td>
<td>Registration Attempt With All Fields Entered</td>
</tr>
<tr>
<td>2.9</td>
<td>E-mail Address Entered Is Invalid</td>
</tr>
<tr>
<td>2.10</td>
<td>E-mail Address And Re-enter E-mail Address Fields Do Not Match</td>
</tr>
<tr>
<td>2.11</td>
<td>Password Entered is Invalid</td>
</tr>
<tr>
<td>2.12</td>
<td>Password And Re-enter Password Fields Do Not Match</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>3</td>
<td><strong>Registration Submission</strong></td>
</tr>
<tr>
<td></td>
<td>3.1</td>
</tr>
<tr>
<td>4</td>
<td><strong>Confirmation E-mail</strong></td>
</tr>
<tr>
<td></td>
<td>4.1</td>
</tr>
<tr>
<td></td>
<td>4.2</td>
</tr>
<tr>
<td></td>
<td>4.3</td>
</tr>
<tr>
<td>5</td>
<td><strong>Registration Error</strong></td>
</tr>
<tr>
<td></td>
<td>5.1</td>
</tr>
<tr>
<td></td>
<td>5.2</td>
</tr>
<tr>
<td>6</td>
<td><strong>Incorrect Password</strong></td>
</tr>
<tr>
<td></td>
<td>6.1</td>
</tr>
<tr>
<td></td>
<td>6.2</td>
</tr>
<tr>
<td>7</td>
<td><strong>Forgot Password</strong></td>
</tr>
<tr>
<td></td>
<td>7.1</td>
</tr>
<tr>
<td></td>
<td>7.2</td>
</tr>
<tr>
<td></td>
<td>7.3</td>
</tr>
<tr>
<td></td>
<td>7.4</td>
</tr>
<tr>
<td>8</td>
<td><strong>Forgotten Password E-mail</strong></td>
</tr>
<tr>
<td></td>
<td>8.1</td>
</tr>
<tr>
<td></td>
<td>8.2</td>
</tr>
<tr>
<td></td>
<td>8.3</td>
</tr>
<tr>
<td></td>
<td>8.4</td>
</tr>
<tr>
<td>9</td>
<td><strong>My Account</strong></td>
</tr>
<tr>
<td></td>
<td>9.1</td>
</tr>
<tr>
<td></td>
<td>9.2</td>
</tr>
<tr>
<td></td>
<td>9.3</td>
</tr>
<tr>
<td></td>
<td>9.4</td>
</tr>
<tr>
<td></td>
<td>9.5</td>
</tr>
<tr>
<td>9.6</td>
<td>Search Profiles</td>
</tr>
<tr>
<td>-----</td>
<td>-----------------</td>
</tr>
<tr>
<td>9.7</td>
<td>Log Out</td>
</tr>
</tbody>
</table>

| 10  | Edit Profile   |

| 11  | Search Profiles |

| 11.1 | Enter First Name |
| 11.2 | Enter Last Name  |
| 11.3 | Enter Graduation Year |
| 11.4 | Enter E-mail Address |
| 11.5 | Search Button Is Clicked With First Name Entered |
| 11.6 | Search Button Is Clicked With Last Name Entered |
| 11.7 | Search Button Is Clicked With Graduation Year Entered |
| 11.8 | Search Button Is Clicked With E-mail Address Entered |
| 11.9 | Search Button Is Clicked With First Name And Last Name Entered |
| 11.10| Search Button Is Clicked With First Name And Graduation Year Entered |
| 11.11| Search Button Is Clicked With First Name And E-mail Address Entered |
| 11.12| Search Button Is Clicked With Last Name and Graduation Year Entered |
| 11.13| Search Button Is Clicked With Last Name and E-mail Address Entered |
| 11.14| Search Button Is Clicked With Graduation Year and E-mail Address Entered |
| 11.15| Search Button Is Clicked With First Name, Last Name, and Graduation Year Entered |
| 11.16| Search Button Is Clicked With First Name, Last Name, and E-mail Address Entered |
| 11.17| Search Button Is Clicked With First Name, Graduation Year, and E-mail Address Entered |
| 11.18| Search Button Is Clicked With Last Name, Graduation Year, and E-mail Address Entered |
| 11.19| Search Button Is Clicked With First Name, Last Name, Graduation Year, and E-mail Address Entered |
| 11.20| Search Button Is Clicked Without Any Information Entered |

| 12  | Results of Search |

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<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td><strong>Browse Profiles</strong>&lt;br&gt;13.1 The page loads with&lt;br&gt;13.2 Members are shown</td>
</tr>
<tr>
<td>14</td>
<td><strong>View Profile</strong>&lt;br&gt;14.1 View Community User Profile</td>
</tr>
<tr>
<td>15</td>
<td><strong>Contact Us</strong>&lt;br&gt;15.1 The page loads with&lt;br&gt;15.2 Attempt to Contact&lt;br&gt;15.3 Confirmation&lt;br&gt;15.4 Error testing</td>
</tr>
<tr>
<td>16</td>
<td><strong>Photo Gallery</strong>&lt;br&gt;16.1 Photo Gallery Is Displayed&lt;br&gt;16.2 View Link Is Clicked&lt;br&gt;16.3 Edit Link Is Clicked&lt;br&gt;16.4 Add Album Button Is Clicked</td>
</tr>
<tr>
<td>17</td>
<td><strong>New Photo Album</strong>&lt;br&gt;17.1 New Photo Album Page Loads&lt;br&gt;17.2 Cancel Button Is Clicked&lt;br&gt;17.3 Enter Name&lt;br&gt;17.4 Enter Location&lt;br&gt;17.5 Enter Description&lt;br&gt;17.6 Select Visibility Option&lt;br&gt;17.7 Create Album Button Is Clicked And Name Field Is Not Entered&lt;br&gt;17.8 Valid Create Album Attempt Base Test&lt;br&gt;17.8.1 Valid Create Album Attempt #1&lt;br&gt;17.8.2 Valid Create Album Attempt #2&lt;br&gt;17.8.3 Valid Create Album Attempt</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>#3</td>
<td></td>
</tr>
<tr>
<td>17.8.4</td>
<td>Valid Create Album Attempt #4</td>
</tr>
<tr>
<td>17.8.5</td>
<td>Valid Create Album Attempt #5</td>
</tr>
<tr>
<td>17.8.6</td>
<td>Valid Create Album Attempt #6</td>
</tr>
<tr>
<td>17.8.7</td>
<td>Valid Create Album Attempt #7</td>
</tr>
<tr>
<td>17.8.8</td>
<td>Valid Create Album Attempt #8</td>
</tr>
<tr>
<td>17.8.9</td>
<td>Valid Create Album Attempt #9</td>
</tr>
<tr>
<td>17.8.10</td>
<td>Valid Create Album Attempt #10</td>
</tr>
<tr>
<td>17.8.11</td>
<td>Valid Create Album Attempt #11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>18</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>Edit Photo Album</td>
</tr>
<tr>
<td>18.1</td>
<td>Edit Photo Album Page Is Displayed</td>
</tr>
<tr>
<td>18.2</td>
<td>Location Entered In Photo Location Box</td>
</tr>
<tr>
<td>18.3</td>
<td>Browse Button Is Clicked</td>
</tr>
<tr>
<td>18.4</td>
<td>Add Picture Button Is Clicked After Selecting A Photo</td>
</tr>
<tr>
<td>18.5</td>
<td>Add Picture Button Is Clicked Without Selecting A Photo</td>
</tr>
<tr>
<td>18.6</td>
<td>Add Picture Button Is Clicked And Photo Is Not Found</td>
</tr>
<tr>
<td>18.7</td>
<td>Delete Picture Button Is Clicked After Selecting A Photo In The Album</td>
</tr>
<tr>
<td>18.8</td>
<td>Delete Picture Button Is Clicked Without Selecting A Photo In The Album</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>19</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>View Photo Album</td>
</tr>
<tr>
<td>19.1</td>
<td>View Photo Album Page Is Displayed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>20</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Delete Photo Confirmation</td>
</tr>
<tr>
<td>20.1</td>
<td>Delete Photo Confirmation Screen Is Displayed</td>
</tr>
<tr>
<td>20.2</td>
<td>User Clicks Yes Button</td>
</tr>
<tr>
<td>20.3</td>
<td>User Clicks No Button</td>
</tr>
<tr>
<td></td>
<td><strong>Delete Album Confirmation</strong></td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>21</td>
<td><strong>Delete Album Confirmation Screen Is Displayed</strong></td>
</tr>
<tr>
<td>21.1</td>
<td>User Clicks Yes Button</td>
</tr>
<tr>
<td>21.3</td>
<td>User Clicks No Button</td>
</tr>
</tbody>
</table>

**External Testing**

<table>
<thead>
<tr>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>A.1</td>
</tr>
</tbody>
</table>

**Back to the Directory of Tests**
(1) Sign On

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values used in this Test: Registered User Name (1), Unregistered User Name (2), Correct Password (3), Incorrect Password (4), Login Button Click (5), Register Button Click (6), Forgotten Password Link Click (7)

<table>
<thead>
<tr>
<th>Directory Number 1</th>
<th>Sign On Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>Name</td>
</tr>
<tr>
<td>1.1</td>
<td>Enter User Name</td>
</tr>
<tr>
<td>1.2</td>
<td>Enter Password</td>
</tr>
<tr>
<td>1.3</td>
<td>Login Attempt With Unregistered User Name</td>
</tr>
<tr>
<td>1.4</td>
<td>Login Attempt With Registered User Name and Incorrect Password</td>
</tr>
<tr>
<td>Scenario</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1.5 Login Attempt With Registered User Name and Correct Password</td>
<td>Registered User Name is entered, Correct Password for that User Name is entered and Login button is clicked</td>
</tr>
<tr>
<td>1.6 Register Button Clicked</td>
<td>User clicks Register button</td>
</tr>
<tr>
<td>1.7 Forgotten Password Link Clicked</td>
<td>Forgotten Password Link is Clicked</td>
</tr>
</tbody>
</table>
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values used in this Test: First Name (1), Last Name (2), E-mail Address (3), Different E-mail Address (4), Invalid E-mail Address (5), Password (6), Different Password (7), Invalid Password (8), Register Button Clicked (9)

<table>
<thead>
<tr>
<th>Directory Number 2</th>
<th>User Registration Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>Name</td>
</tr>
<tr>
<td>2.1</td>
<td>First Name Entered</td>
</tr>
<tr>
<td>2.2</td>
<td>Last Name Entered</td>
</tr>
<tr>
<td>2.3</td>
<td>E-mail Address Entered</td>
</tr>
<tr>
<td>2.4</td>
<td>E-mail Address Re-entered</td>
</tr>
<tr>
<td>2.5</td>
<td>Password Entered</td>
</tr>
<tr>
<td>2.6</td>
<td>Password Re-entered</td>
</tr>
<tr>
<td>2.7</td>
<td>Registration Attempt With Fields Not Entered</td>
</tr>
<tr>
<td>2.8</td>
<td>Registration Attempt With All Fields Entered</td>
</tr>
<tr>
<td>2.9</td>
<td>E-mail Address Entered Is Invalid</td>
</tr>
<tr>
<td>2.10</td>
<td>E-mail Address And Re-enter E-mail Address Fields Do Not Match</td>
</tr>
<tr>
<td>2.11</td>
<td><strong>Password Entered is Invalid</strong></td>
</tr>
<tr>
<td>2.12</td>
<td><strong>Password And Re-enter Password Fields Do Not Match</strong></td>
</tr>
</tbody>
</table>

**NOTE:** An Invalid E-mail Address is not in the format of name@domain
<table>
<thead>
<tr>
<th>Example of a Valid E-mail Address: <a href="mailto:johndoe@aol.com">johndoe@aol.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Examples of an Invalid E-mail Address:</td>
</tr>
<tr>
<td>johndoe@aol</td>
</tr>
<tr>
<td>johndoe</td>
</tr>
</tbody>
</table>

NOTE: An Invalid Password means a password that is either too short, has no digits, or is too long. Exact min/max lengths will be determined by Detailed Design.

[Back to the Directory of Tests]

[Back to the Subdirectory of Tests]
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

### (Directory Number 3) Registration Submission

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>Thank You For Registering</td>
<td>Displays a message thanking the User for registering with the Alumni Spotlight Web System</td>
<td>None</td>
<td>Display the Thank You page</td>
<td>A webpage should be displayed thanking the User for Registering and also stating that the User will receive an E-mail at the E-mail Address they registered with that will be used to confirm the Registration.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

[Back to the Directory of Tests](#)

[Back to the Subdirectory of Tests](#)
(4) Confirmation E-mail

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

(Directory Number 4) Confirmation E-mail

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>Send E-mail File To Newly Registered User</td>
<td>Did the E-mail File get sent from the CMS upon request?</td>
<td>N/A</td>
<td>Register an account with the system and check for an E-mail Confirmation Message under the E-mail Address that was used.</td>
<td>The E-mail Message should be sent to the E-mail Address that the User has entered</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>4.2</td>
<td>Correct Information Contained In E-mail Sent To Newly Registered User</td>
<td>When the E-mail is sent, does it have the Correct User Name and link to activate the account?</td>
<td>N/A - The input comes from the CMS and user registration page</td>
<td>Will coincide with 4.1 above, and the E-mail will be checked with the account information.</td>
<td>The E-mail should be sent to the right spot with the Correct User Name to activate</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>4.3</td>
<td>Link To Activate The Community User's Account Works</td>
<td>The E-mail Message should contain a link the User can click on to activate his/her account</td>
<td>Clicking the link in the email, no real input, just a continuation from 4.1 and 4.2</td>
<td>Will click the link and attempt to log into the Alumni Spotlight Web System</td>
<td>The link should bring the User to the Sign On screen, and the E-mail Address and Password should allow them to log in</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

**Input/Test Values used in this Test:** Already Registered E-mail Address (1), Unregistered E-mail Address (2), Invalid Password (3)

### Registration Error (Directory Number 5)

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1</td>
<td>E-mail Address Is Already Registered</td>
<td>The User has entered an E-mail Address that is already registered in the system</td>
<td>(1)</td>
<td>Will attempt to register an account with an E-mail Address we know is in the system</td>
<td>We should be given an error page that says the current E-mail Address is already taken</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>5.2</td>
<td>Invalid Password Chosen By The User</td>
<td>The User has entered a Password that is Invalid</td>
<td>(2), (3)</td>
<td>We will test each case of an Invalid Password</td>
<td>We should be directed back to the Registration Page with an error saying that an Invalid Password has been entered</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: An Invalid Password means a password that is either too short, has no digits, or is too long. Exact min/max lengths will be determined by Detailed Design.
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

**Input/Test Values used in this Test:** Registered E-mail Address (1), Invalid Password (2)

### (Directory Number 6) Incorrect Password

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.1</td>
<td>Login Attempt With A Valid User Name And An Invalid Password</td>
<td>The User has a registered account, but types in an Invalid Password</td>
<td>(1), (2)</td>
<td>Will attempt to log into the system with a Valid E-mail address, but with an Invalid Password</td>
<td>We should not be able to log in with an Invalid Password and should inform the User that the Password is not associated with the entered E-mail Address</td>
</tr>
<tr>
<td>6.2</td>
<td>Page Refresh</td>
<td>Does the page redirect or refresh to the log in screen</td>
<td>No true inputs, is a continuation of 6.1</td>
<td>Will continue from 6.1 and see what page comes up</td>
<td>We should see the log in page with an error message about an invalid password</td>
</tr>
</tbody>
</table>

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Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

**Input/Test Values used in this Test:** Registered E-mail Address (1), Unregistered E-mail Address (2), Invalidly Formatted E-mail Address (3), Submit Button Click (4)

<table>
<thead>
<tr>
<th>Directory Number 7) Forgot Password Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ID</strong></td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>7.1</td>
</tr>
<tr>
<td>7.2</td>
</tr>
<tr>
<td>7.3</td>
</tr>
<tr>
<td>7.4</td>
</tr>
</tbody>
</table>

**NOTE:** An Invalidly Formatted E-mail Address is one not in the format of *name@domain*

Example of a Validly Formatted E-mail Address: joahnodoe@aol.com

Examples of an Invalidly Formatted E-mail Address:

- johndoe@aol
- johndoe
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values Used in this Test: Registered E-mail Address (1), Unregistered E-mail Address (2)

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.1</td>
<td>E-mail Is Sent To The Correct E-mail Address</td>
<td>The User receives an E-mail</td>
<td>No true input, except for a request by the User</td>
<td>We will request our Password with an E-mail Address and check to see that the E-mail Message is sent</td>
<td>We should get an E-mail sent to the E-mail Address specified</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>8.2</td>
<td>E-mail Sends The Correct Password</td>
<td>Does the E-mail that gets sent contain the Correct Password for the E-mail Address entered?</td>
<td>No true input, except for a request by the user</td>
<td>We will test out the Password sent, or run a query against the database to find the Password listed</td>
<td>We should receive an E-mail with the Correct Password for the specified E-mail Address</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>8.3</td>
<td>Is The E-mail Address Valid</td>
<td>Does the E-mail Address entered by the User exist in the database?</td>
<td>(1)</td>
<td>We will ask for a password for an email that is not registered for the community</td>
<td>We should be given an error message stating the email address entered is not a valid user for the community</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>8.4</td>
<td>Unregistered E-mail Address Is Entered</td>
<td>Does the page reload the Forgotten Password page when an Unregistered E-mail Address is entered?</td>
<td>(2)</td>
<td>We will enter an Unregistered E-mail Address and see if the page reloads with an error message</td>
<td>We should be redirected to the Forgotten Password screen with an error message saying an Unregistered E-mail Address was entered</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

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(9) My Account

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values Used in this Test: My Account Link Click (1), Edit Profile Link Click (2), Contact Us Link Click (3), Photo Gallery Link Click (4), Search Profiles Link Click (5), Log Out Link Click (6)

<table>
<thead>
<tr>
<th>Directory Number 9) My Account</th>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1</td>
<td>9.1</td>
<td>User's Profile</td>
<td>Information Is Displayed</td>
<td>None</td>
<td>Upon successful log in, the system displays the User's current profile information.</td>
<td>Homepage is displayed and populated with the current information that the User has entered in his/her profile.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>9.2</td>
<td>9.2</td>
<td>My Account</td>
<td>User clicks on the My Account link to return to his/her My Account page.</td>
<td>(1)</td>
<td>User clicks on the My Account link.</td>
<td>User is redirected to the My Account page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>9.3</td>
<td>9.3</td>
<td>Edit Profile</td>
<td>User clicks on the Edit Profile link to make changes to his/her profile.</td>
<td>(2)</td>
<td>User clicks on the Edit Profile link.</td>
<td>User is redirected to the Edit Profile page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>9.4</td>
<td>Contact Us</td>
<td>User clicks on the Contact Us link to contact the Administrator.</td>
<td>(3)</td>
<td>User clicks on the Contact Us link.</td>
<td>User is redirected to the Contact Us page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.5</td>
<td>Photo Gallery</td>
<td>User clicks on the Photo Gallery link to go to his/her Photo Gallery page.</td>
<td>(4)</td>
<td>User clicks on the Photo Gallery link.</td>
<td>User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.6</td>
<td>Search Profiles</td>
<td>User clicks on the Search Profiles link to search for fellow Community Users.</td>
<td>(5)</td>
<td>User clicks on the Search Profiles link.</td>
<td>User is redirected to the Search Profiles page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.7</td>
<td>Log Out</td>
<td>User clicks on the Log Out link to log out of the system.</td>
<td>(6)</td>
<td>User clicks on the Log Out link.</td>
<td>User is logged out of the system and redirected to the Sign On page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(10) Edit Profiles
** Not completed at this time. **
(11) Search Profiles

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

**Input/Test Values Used in this Test:** First Name (1), Last Name (2), Graduation Year (3), E-mail Address (4), Search Button Click (5)

### (Directory Number 11) Search Profiles

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.1</td>
<td>Enter First Name</td>
<td>User enters a First Name to search for</td>
<td>(1)</td>
<td>Enter First Name into First Name text box</td>
<td>First Name text box displays the First Name that the User has entered</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.2</td>
<td>Enter Last Name</td>
<td>User enters a Last Name to search for</td>
<td>(2)</td>
<td>Enter Last Name into Last Name text box</td>
<td>Last Name text box displays the Last Name that the User has entered</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.3</td>
<td>Enter Graduation Year</td>
<td>User enters a Graduation Year to search for</td>
<td>(3)</td>
<td>Enter Graduation Year into Graduation Year text box</td>
<td>Graduation Year text box displays the Graduation Year that the User has entered</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.4</td>
<td>Enter E-mail Address</td>
<td>User E-mail is entered into E-mail Address text box</td>
<td>(4)</td>
<td>Enter E-mail Address into E-mail Address text box</td>
<td>E-mail Address text box displays the E-mail Address that the User has entered</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.5</td>
<td>Search Button Is Clicked with First Name Entered</td>
<td>First Name is entered and the Search button is clicked</td>
<td>(1), (5)</td>
<td>Search based on First Name entered</td>
<td>Results page is loaded based upon matches found using the First Name entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.6</td>
<td>Search Button Is Clicked With Last Name Entered</td>
<td>Last Name is entered in the Last Name text box and the Search button is clicked</td>
<td>(2), (5)</td>
<td>Search based on Last Name entered</td>
<td>Results page is loaded based upon matches found using the Last Name entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.7</td>
<td>Search Button Is Clicked With Graduation Year Entered</td>
<td>Last Name is entered in the Last Name text box and the Search button is clicked</td>
<td>(3), (5)</td>
<td>Search based on Graduation Year entered</td>
<td>Results page is loaded based upon matches found using the Graduation Year entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.8</td>
<td>Search Button Is Clicked With E-mail Address Entered</td>
<td>E-mail Address is entered in the E-mail Address text box and the Search button is clicked</td>
<td>(4), (5)</td>
<td>Search based on E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.9</td>
<td>Search Button Is Clicked With First Name And Last Name Entered</td>
<td>First Name and Last Name are entered in their respective text boxes and the Search button is clicked</td>
<td>(1), (2), (5)</td>
<td>Search based on First Name and Last Name entered</td>
<td>Results page is loaded based upon matches found using the First Name and Last Name entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.10</td>
<td>Search Button Is Clicked With First Name And Graduation Year Entered</td>
<td>First Name and Graduation Year are entered and the Search button is clicked</td>
<td>(1), (3), (5)</td>
<td>Search based on First Name and Graduation Year entered</td>
<td>Results page is loaded based upon matches found using the First Name and Graduation Year entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.11</td>
<td>Search Button Is Clicked With First Name And E-mail Address Entered</td>
<td>First Name and E-mail Address are entered in their respective text boxes and the Search button is clicked</td>
<td>(1), (4), (5)</td>
<td>Search based on First Name and E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the First Name and E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.12</td>
<td>Search Button Is Clicked With Last Name and Graduation Year Entered</td>
<td>Last Name and Graduation Year are entered in their respective text boxes and the Search button is clicked</td>
<td>(2), (3), (5)</td>
<td>Search based on Last Name and Graduation Year entered</td>
<td>Results page is loaded based upon matches found using the Last Name and Graduation Year entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.13</td>
<td>Search Button Is Clicked With Last Name and E-mail Address Entered</td>
<td>Last Name and E-mail Address are entered in their respective text boxes and the Search button is clicked</td>
<td>(2), (4), (5)</td>
<td>Search based on Last Name and E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the Last Name and E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.14</td>
<td>Search Button Is Clicked With Graduation Year and E-mail Address Entered</td>
<td>Graduation Year and E-mail Address are entered in their respective text boxes and the Search button is clicked</td>
<td>(3), (4), (5)</td>
<td>Search based on Graduation Year and E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the Graduation Year and E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.15</td>
<td>Search Button Is Clicked With First Name, Last Name, and Graduation Year Entered</td>
<td>First Name, Last Name and Graduation Year are entered in their respective text boxes and the Search button is clicked</td>
<td>(1), (2), (3), (5)</td>
<td>Search based on First Name, Last Name, and Graduation Year entered</td>
<td>Results page is loaded based upon matches found using the First Name, Last Name, and Graduation Year entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.16</td>
<td>Search Button Is Clicked With First Name, Last Name, and E-mail Address Entered</td>
<td>First Name, Last Name and E-mail Address are entered in their respective text boxes and the Search button is clicked</td>
<td>(1), (2), (4), (5)</td>
<td>Search based on First Name, Last Name, and E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the First Name, Last Name, and E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.17</td>
<td>Search Button Is Clicked With First Name, Graduation Year, and E-mail Address Entered</td>
<td>First Name, Graduation Year, and E-mail Address are entered in their respective text boxes and the Search button is clicked</td>
<td>(1), (3), (4), (5)</td>
<td>Search based on First Name, Graduation Year, and E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the First Name, Graduation Year, and E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.18</td>
<td>Search Button Is Clicked With Last Name, Graduation Year, and E-mail Address Entered</td>
<td>Last Name, Graduation Year, and E-mail Address are entered in their respective text boxes and the Search button is clicked</td>
<td>(2), (3), (4), (5)</td>
<td>Search based on Last Name, Graduation Year, and E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the Last Name, Graduation Year, and E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.19</td>
<td>Search Button Is Clicked With First Name, Last Name, Graduation Year, and E-mail Address Entered</td>
<td>First Name, Last Name, Graduation Year, and E-mail Address are entered in their respective text boxes and the Search button is clicked</td>
<td>(1), (2), (3), (4), (5)</td>
<td>Search based on First Name, Last Name, Graduation Year, and E-mail Address entered</td>
<td>Results page is loaded based upon matches found using the First Name, Last Name, Graduation Year, and E-mail Address entered by the User</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>11.20</td>
<td>Search Button Is Clicked Without Any Information Entered</td>
<td>No text is entered in any text box and the Search button is clicked.</td>
<td>(5)</td>
<td>Click on the Search button without entering any information in the text boxes.</td>
<td>Search Profiles page is reloaded and a message stating that &quot;No search criteria has been entered, please enter search criteria and try again.&quot; is displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

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(12) Results of Search

** Not completed at this time. **
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

### (Directory Number 13) Browse Profiles

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.1</td>
<td>The page loads with or without members</td>
<td>Does the Browse Results page load?</td>
<td>None</td>
<td>We will click on the Browse Users button on the My Account page</td>
<td>We should get some sort of page to load</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>13.2</td>
<td>Members are shown on page load</td>
<td>Are the Members listed?</td>
<td>None</td>
<td>We will click on the Browse Users button on the My Account page</td>
<td>We will check in the early stages that all Registered Members are viewable and in alphabetical order</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

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Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1</td>
<td>View Community User Profile</td>
<td>Does the Community User's Profile load and display?</td>
<td>None</td>
<td>Selection of a profile to view through the Search Results page or Browse Profiles page.</td>
<td>The selected Community User's profile is loaded and displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

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(15) Contact Us

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values Used In This Test: E-mail Address (1), Comments (2)

<table>
<thead>
<tr>
<th>(Directory Number 15) Contact Us</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ID</strong></td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>15.1</td>
</tr>
<tr>
<td>15.2</td>
</tr>
<tr>
<td>15.3</td>
</tr>
<tr>
<td>15.4</td>
</tr>
</tbody>
</table>

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Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values Used in this Test: View Link Click (1), Edit Link Click (2), Add Album Link Click (3)

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.1</td>
<td>Photo Gallery Is Displayed</td>
<td>Does the Photo Gallery page display correctly?</td>
<td>None</td>
<td>Click on the Photo Gallery link on the My Account page and make sure that the page is displayed correctly</td>
<td>The Photo Gallery page should be displayed with any currently created Photo Albums displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>16.2</td>
<td>View Link Is Clicked</td>
<td>The User clicks on a Photo Album's View link in order to view its contents</td>
<td>(1)</td>
<td>Click on the View link in a Photo Album and make sure that the correct Photo Album's photos are displayed.</td>
<td>The View Photo Album page should be displayed with the contents of the selected Photo Album.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>16.3</td>
<td><strong>Edit Link Is Clicked</strong></td>
<td>The User clicks on a Photo Album's Edit link in order to change its contents.</td>
<td>(2)</td>
<td>Click on the Edit link in a Photo Album. Make sure that the correct Photo Album is brought up for editing.</td>
<td>The Edit Photo Album page should be displayed for the selected Photo Album.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>16.4</td>
<td><strong>Add Album Button Is Clicked</strong></td>
<td>The User clicks on the Add Album button to add a new Photo Album to his/her account.</td>
<td>(3)</td>
<td>Click on the Add Album button in a Photo Album.</td>
<td>The User is redirected to the New Photo Album page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

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(17) New Photo Album

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values Used in this Test: Cancel Button Click (0), Name (1), Location (2), Description (3), Radio Button Selection (4.#), Create Button Click (5)

NOTE: (4.1) is automatically selected as the default Visibility, where everyone is able to view the album; (4.2) is Administrator Visibility, where the User and the Administrator are the only ones who are able to see the photos; and (4.3) is Private Visibility, where the User is the only one able to see the photos in the album.

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.1</td>
<td>New Photo Album Page Loads</td>
<td>Does the New Photo Album page load and display?</td>
<td>None</td>
<td>User clicks on the Add Album button on the Photo Gallery page.</td>
<td>The New Photo Album page is loaded and displayed correctly. The Visibility Option will be set to a default option (4.1) where everyone is able to view the Album.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.2</td>
<td>Cancel Button Is Clicked</td>
<td>The User cancels the adding of a new Photo Album by clicking the Cancel button</td>
<td>(0)</td>
<td>User clicks on the Cancel button.</td>
<td>The User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.3</td>
<td>Enter Name</td>
<td>A Name for the Album is entered into the Name text box.</td>
<td>(1)</td>
<td>User enters text into the Name text box.</td>
<td>The Name text box displays the text that the User entered.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.4</td>
<td>Enter Location</td>
<td>A Location for where the Photos in the Album were taken is entered into the Location text box.</td>
<td>(2)</td>
<td>User enters text into the Location text box.</td>
<td>The Location text box displays the text that the User entered.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.5</td>
<td>Enter Description</td>
<td>A Description for the Album is entered into the Description text box.</td>
<td>(3)</td>
<td>User enters text into the Description text box.</td>
<td>The Description text box displays the text that the User entered.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.6</td>
<td>Select Visibility Option</td>
<td>A Visibility Option for the Album is selected from among the radio buttons available.</td>
<td>(4)</td>
<td>User selects one of the radio buttons for the Visibility Option.</td>
<td>The Visibility Option that the User has chosen is selected.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.7</td>
<td>Create Album Button Is Clicked And Name Field Is Not Entered</td>
<td>Create Album button is clicked with no text in the Name field. Any or no value can be in the Description and Location fields.</td>
<td>(4.1), (5)</td>
<td>Leave Name field blank and attempt creation of an album.</td>
<td>The New Photo Album page is loaded with a message telling the User that he/she must enter a Name for the Album.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8</td>
<td>Valid Create Album Attempt Base Test</td>
<td>Create Album button is clicked with text in the Name field</td>
<td>(1), (4.1), (5)</td>
<td>Text is entered in the Name text box and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name and default Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------</td>
<td>----------------------------------------------------------</td>
<td>----------------</td>
<td>----------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>-----</td>
<td>-----</td>
<td></td>
</tr>
<tr>
<td>17.8.1</td>
<td>Valid Create Album Attempt #1</td>
<td>Create Album button is clicked with Name and Location fields entered.</td>
<td>(1), (2), (4.1), (5)</td>
<td>Text is entered in the Name and Location text boxes and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Location, and default Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.2</td>
<td>Valid Create Album Attempt #2</td>
<td>Create Album button is clicked with Name and Description fields entered.</td>
<td>(1), (3), (4.1), (5)</td>
<td>Text is entered in the Name and Description text boxes and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Description, and default Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.3</td>
<td>Valid Create Album Attempt #3</td>
<td>Create Album button is clicked with Name field entered and Administrator Visibility selected.</td>
<td>(1), (4.2), (5)</td>
<td>Text is entered in the Name text box, the Administrator Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name and Administrator Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.4</td>
<td>Valid Create Album Attempt #4</td>
<td>Create Album button is clicked with Name field entered and Private Visibility selected.</td>
<td>(1), (4.3), (5)</td>
<td>Text is entered in the Name text box, the Private Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name and Private Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.5</td>
<td>Valid Create Album Attempt #5</td>
<td>Create Album button is clicked with Name, Location, and Description fields entered.</td>
<td>(1), (2), (4.1), (5)</td>
<td>Text is entered in the Name, Location, and Description text boxes and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Location, Description, and default Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.6</td>
<td>Valid Create Album Attempt #6</td>
<td>Create Album button is clicked with Name and Location fields entered and Administrator Visibility selected.</td>
<td>(1), (2), (4.2), (5)</td>
<td>Text is entered in the Name and Location text boxes, the Administrator Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Location, and Administrator Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.7</td>
<td>Valid Create Album Attempt #7</td>
<td>Create Album button is clicked with Name and Location fields entered and Private Visibility selected.</td>
<td>(1), (2), (4.3), (5)</td>
<td>Text is entered in the Name and Location text boxes, the Private Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Location, and Private Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.8</td>
<td>Valid Create Album Attempt #8</td>
<td>Create Album button is clicked with Name and Description fields entered, Administrator Visibility selected.</td>
<td>(1), (3), (4.2), (5)</td>
<td>Text is entered in the Name and Description text boxes, the Administrator Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Description, and Administrator Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.9</td>
<td>Valid Create Album Attempt #9</td>
<td>Create Album button is clicked with Name and Description fields entered and Private Visibility selected.</td>
<td>(1), (3), (4.3), (5)</td>
<td>Text is entered in the Name and Description text boxes, the Private Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Description, and Private Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.10</td>
<td>Valid Create Album Attempt #10</td>
<td>Create Album button is clicked with Name, Location, and Description fields entered, Administrator Visibility selected.</td>
<td>(1), (2), (3), (4.2), (5)</td>
<td>Text is entered in the Name, Location and Description text boxes, the Administrator Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Location, Description, and Administrator Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>17.8.11</td>
<td>Valid Create Album Attempt #11</td>
<td>Create Album button is clicked with Name, Location, and Description fields entered and Private Visibility selected.</td>
<td>(1), (2), (3), (4.3), (5)</td>
<td>Text is entered in the Name, Location and Description text boxes, the Private Visibility radio button is selected and the Create Album button is clicked.</td>
<td>A new Photo Album with the entered Name, Location, Description, and Private Visibility is created and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

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(18) Edit Photo Album

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

Input/Test Values Used in this Test: Correct Photo Location (1), Incorrect Photo Location (2), Browse Button Click (3), Add Picture Button Click (4), Selected Photo (5), Delete Picture Button Click (6)

<table>
<thead>
<tr>
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<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.1</td>
<td>Edit Photo Album Page Is Displayed</td>
<td>Does the Edit Photo Album Page display correctly?</td>
<td>None</td>
<td>Click on the Edit link on the Photo Gallery page.</td>
<td>The Edit Photo Album Page is displayed for the Photo Album that was selected. The photos currently in the Photo Album will be displayed in the area Current Photo Area.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>18.2</td>
<td>Location Entered in Photo Location Box</td>
<td>Enter Photo's Location into Location text box; this can be done through the Browse button or by manually typing in the location.</td>
<td>(1)</td>
<td>Enter text into the Location text box.</td>
<td>The Location text box will display the text entered.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>18.3</td>
<td>Browse Button Is Clicked</td>
<td>User clicks the Browse button to select a photo upload.</td>
<td>(3)</td>
<td>Click on the Browse button.</td>
<td>A File selection window should be displayed, allowing the user to access the contents of his/her computer to find the photo they wish to upload; this file location is then placed in a Photo Location text box.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>18.4</td>
<td>Add Picture Button Is Clicked After Selecting A Photo</td>
<td>User selects a photo using the Browse button and then clicks the Add Picture button.</td>
<td>(1), (4)</td>
<td>Use the Browse button to select a photo, and then click the Add Picture button.</td>
<td>The new photo is added to the Photo Gallery and the User is redirected to a refreshed Edit Photo Album Page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>18.5</td>
<td>Add Picture Button Is Clicked Without Selecting A Photo</td>
<td>User clicks the Add Picture button without selecting a picture to add.</td>
<td>(4)</td>
<td>Click the Add Picture button without selecting a photo to upload.</td>
<td>The Edit Photo Album page is refreshed and a message stating that the User has not chosen a photo to upload is displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>18.6</td>
<td>Add Picture Button Is Clicked And Photo Is Not Found</td>
<td>User clicks the Add Picture button after specifying a Photo Location that is incorrect.</td>
<td>(2), (4)</td>
<td>Click the Add Picture button after entering an incorrect Photo Location.</td>
<td>The Edit Photo Album page is refreshed and a message stating that the User has specified an invalid file location is displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>18.7</td>
<td>Delete Picture Button Is Clicked After Selecting A Photo In The Album</td>
<td>User selects a photo to delete in the Current Photo Area, and then clicks the Delete Picture button.</td>
<td>(5), (6)</td>
<td>Select a photo in the Current Photo Area, and then click the Delete Picture button.</td>
<td>The Delete Photo Confirmation screen is displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>18.8</td>
<td>Delete Picture Button Is Clicked Without Selecting A Photo In The Album</td>
<td>User clicks the Delete Picture button without having a photo in the Current Photo Area selected.</td>
<td>(6)</td>
<td>Click the Delete Picture button without selecting a photo to delete.</td>
<td>The Edit Photo Album page is refreshed and a message stating that the User has not chosen a photo to delete is displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

<table>
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<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.1</td>
<td>View Photo Album Page Is Displayed</td>
<td>Does the View Photo Album page display?</td>
<td>None</td>
<td>Click on the View link in the Photo Gallery page</td>
<td>The View Photo Album page is displayed with the selected Photo Album's photos displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>
(20) Delete Photo Confirmation

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

**Input/Test Values Used In This Test:** "Yes" Button Click (1), "No" Button Click (2)

### (Directory Number 20) Delete Photo Confirmation

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.1</td>
<td>Delete Photo Confirmation Screen Is Displayed</td>
<td>Does the Delete Photo Confirmation screen display?</td>
<td>None</td>
<td>Click Delete Picture button on the Edit Photo Album page after selecting a photo to delete from the Album.</td>
<td>The Delete Photo Confirmation screen is displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>20.2</td>
<td>User Clicks Yes Button</td>
<td>The user selects the Yes answer and confirms the choice to delete the selected photo.</td>
<td>(1)</td>
<td>Click the Yes button.</td>
<td>The selected photo is deleted and the User is redirected to the Edit Photo Album page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>20.3</td>
<td>User Clicks No Button</td>
<td>The user selects the No answer and denies the choice to delete the selected photo.</td>
<td>(2)</td>
<td>Click the No button.</td>
<td>The selected photo is not deleted and the User is redirected to the Edit Photo album page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>
Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

**Input/Test Values Used In This Test:** "Yes" Button Click (1), "No" Button Click (2)

### (Directory Number 21) Delete Album Confirmation

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
<th>Input/Test Values</th>
<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.1</td>
<td>Delete Album Confirmation Screen Is Displayed</td>
<td>Does the Delete Album Confirmation screen display?</td>
<td>None</td>
<td>Click Delete Album button on the Edit Photo Album page.</td>
<td>The Delete Album Confirmation screen is displayed.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>21.2</td>
<td>User Clicks Yes Button</td>
<td>The user selects the Yes answer and confirms the choice to delete the selected Album.</td>
<td>(1)</td>
<td>Click the Yes button.</td>
<td>The selected Album is deleted and the User is redirected to the Photo Gallery page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>21.3</td>
<td>User Clicks No Button</td>
<td>The user selects the No answer and denies the choice to delete the selected Album.</td>
<td>(2)</td>
<td>Click the No button.</td>
<td>The selected Album is not deleted and the User is redirected to the Edit Photo album page.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

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(A) Spotlight Page Creation

Currently the State Before Test and State After Test fields have not been determined at this date and are listed as To Be Determined (TBD). These will be decided upon by the Detailed Design.

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
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<th>Steps to be Executed</th>
<th>Expected Results</th>
<th>State Before Test</th>
<th>State After Test</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.1</td>
<td>Is The Page</td>
<td>Does the Spotlight page get created in the proper location with the correct information?</td>
<td>Copy the required information to the specified Spotlight location (TBD).</td>
<td>The information in the selected Spotlight profile is copied to a fixed location that will then be used for the Spotlight area on the Siena webpage.</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Glossary of Terms

Blog – See Web Log.

Cascading Style Sheets (CSS) – These are used to describe a specific style for a web page or set of pages, a website.

Code - The symbolic arrangement of data or instructions in a computer program or the set of such instructions.

Content Management System (CMS) – Web based management system that will allow the team and webmaster to edit, modify, and remove profiles and web pages.

Data Flow Diagram – A representation of the functional decomposition of a system.

Database - A collection of data arranged for ease and speed of search and retrieval.

Drupal – An open-source content management system that is versatile and allows the user to personalize a network of profiles. There are several different themes and colors for visual effects. Drupal comes with the ability to handle self-registration pages, blogs, and easy file uploading. It allows the profiles to be organized into separate categories and to set permissions for the profiles. Lastly, Drupal has the ability to track changes made to the user profiles. The administrator will be able to view all of these changes.

Extensible Hypertext Markup Language (XHTML) – has same capabilities of HTML but is more restricted to allow for conformity among multiple platforms.

Gantt chart - A chart that depicts progress in relation to time, often used in planning and tracking a project.

Hypertext Markup Language (HTML) – Predominant markup language used for the creation of webpages.

Internet - An interconnected system of networks that connects computers around the world via the TCP/IP protocol.

Internet Explorer (IE) – Microsoft based program used for browsing the internet.

Linear Sequential Model / Classic Waterfall Model – A systematic, sequential approach to software development that begins at the system level and progresses through analysis, design, coding, testing, and support.

Markup Languages – Combines a set of text, along with extra information about this text, such as formatting.
**MySQL** – A Multithreaded, multi-user SQL Database Management System.

**PHP Hypertext Preprocessor (PHP)** – An open source (free) programming language that is used for dynamic pages and is a high-level scripting language.

**Portal** – a specific kind of Content Management System Web site, password protected to allow Site Administrators to edit text, images and other content as and when necessary. This allows easy updating of the website content without the need to learn programming code.

**Profiles** – User created accounts that will be customizable according to each specific person.

**Transmission Control Protocol/Internet Protocol (TCP/IP)** - A communications protocol for computer networks, the main protocol for the Internet.

**Web log** - an online journal comprised of links and postings in reverse chronological order, meaning the most recent posting appears at the top of the page. Also known as a blog.