

Alumni Spotlight Web System

http://oraserv.cs.siena.edu/~perm_initrode/

Preliminary Design

by

Initrode Solutions

12/01/2006

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Webmaster

Assistant Professor

Siena College

Department of Computer Science

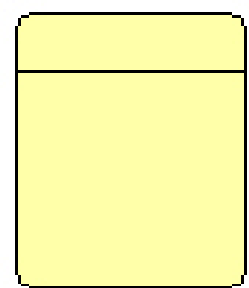
- Introduction and Project Overview
 - Elise Hearn
- Data Design
 - David Luck
- Unit Testing
 - Charles Feltes
- Prototype Screens and Conclusion/Questions
 - Christopher McConnell

- Recap
 - Web based community of Siena Alumni
- Preliminary Design
 - Narrow down scope of project
 - Additional features
 - Database
 - Unit testing
 - Prototypes

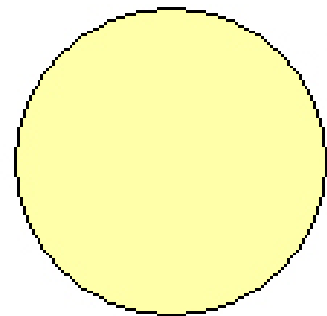
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Data Flow Diagrams

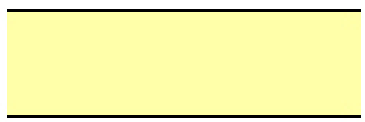
Symbols Key



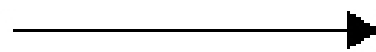
Processes



Sources/Sinks

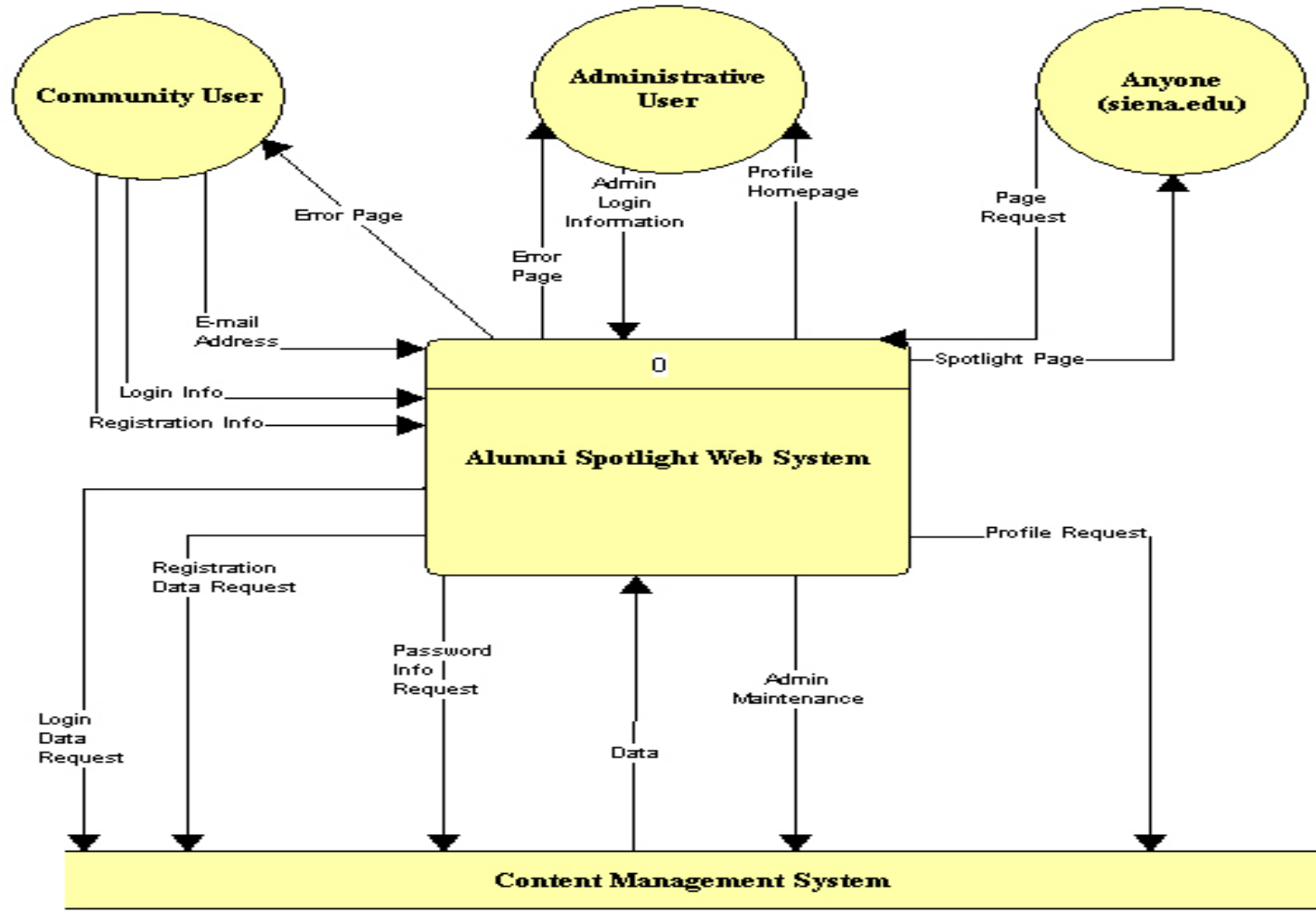


Data Store



Dataflows

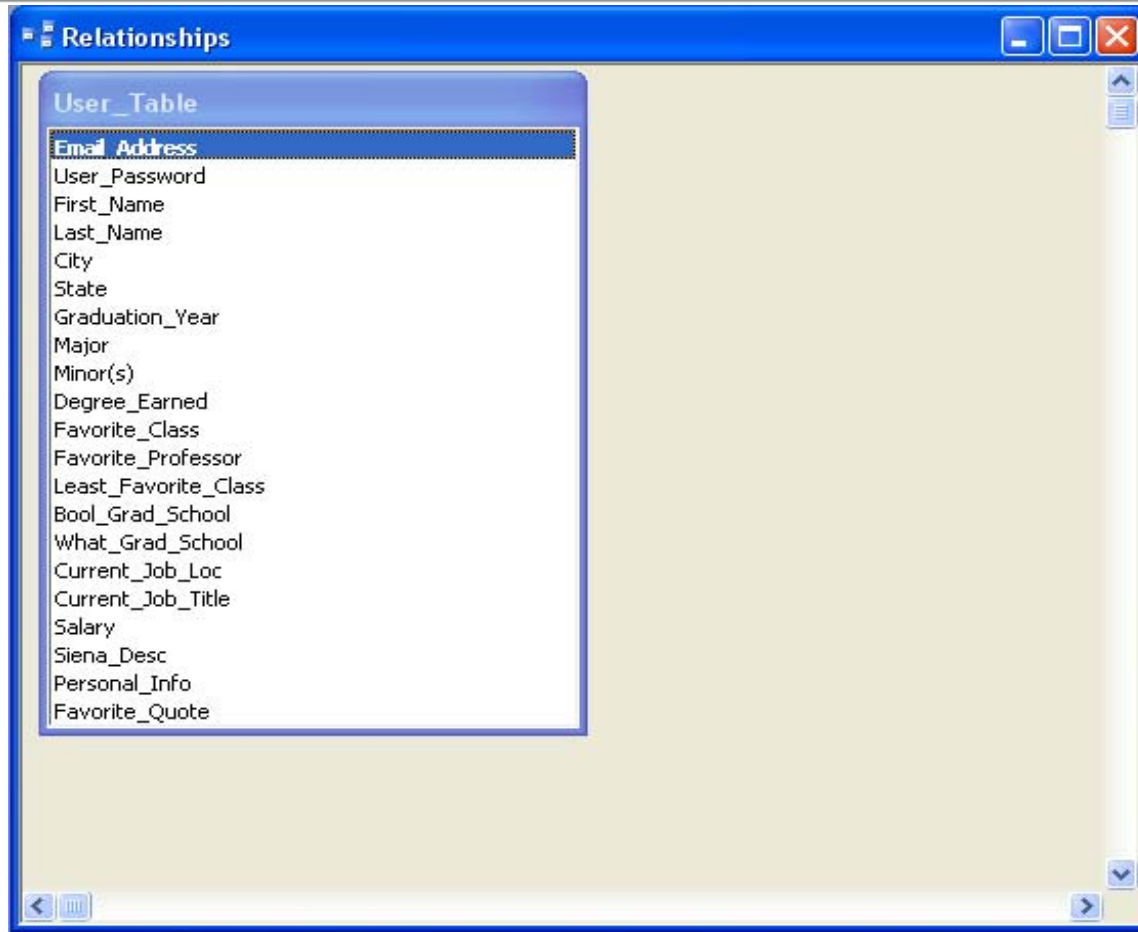
Data Flow Diagram




Logical Data Stores

Field Name	Description	Data Type	Example
First Name	The community user's first name.	VARCHAR(20)	Christopher
Last Name	The community user's last name.	VARCHAR(35)	McConnell
City	Current city the user lives in.	VARCHAR(55)	Albany
State	Current state the user lives in.	CHAR(2)	NY
E-mail	Current contact e-mail, typically the user's registered account name.	VARCHAR(30)	me@siena.edu
Graduation Year	The year the user graduated Siena.	SMALLINT(4)	2006
Major	The user's major while at Siena.	VARCHAR(50)	Computer Science
Minor(s)	The user's minor(s) while at Siena.	VARCHAR(100)	Business & Mathematics
Degree Earned	The user's degree they have earned.	VARCHAR(50)	BS in Computer Science
Favorite Class	The user's favorite class taken at Siena.	VARCHAR(100)	Software Engineering I
Favorite Professor	The user's favorite professor at Siena.	VARCHAR(100)	Dr. Breimer
Least Favorite Class	The user's least favorite class at Siena.	VARCHAR(100)	Digital Electronics
Graduate School	A Yes/No question asking the user if they have or are currently attending Graduate School.	BIT(1)	0

Relationship Screen



Example Queries

Name	Description	Modified	Created
 Create query in Design ...			
 Create query by using ...			
 Accounts_Data	Grabs all data for a user's account	11/16/2006 3:12:09 PM	11/16/2006 2:07:52 PM
 Login_Information	Grabs all E-mail addresses, as well as passwords to verify login information	11/16/2006 3:12:34 PM	11/16/2006 1:46:19 PM
 Retrieve_Password_Email	Grabs first name, last name, email, and password fields to send out the password.	11/16/2006 3:15:18 PM	11/16/2006 3:01:36 PM
 Spotlight_Page_Info	Grabs specific information for display on the Spotlight Page.	11/16/2006 3:18:32 PM	11/16/2006 3:18:05 PM

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Unit Test Explanation

- Validates particular aspect of the program
 - ex. Code, screens
- Tests for correct function
- Help indicate problems

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)

(Directory Number 1) Sign On Page

ID	Name	Description	Input/Test Values	Steps to be Executed	Expected Results	State Before Test	State After Test	Pass/Fail
1.1	Enter User Name	User enters his/her User Name in the User Name text box	(1)	Enter text into User Name text box	User Name text box displays the name that the User has entered	TBD	TBD	
1.2	Enter Password	User enters his/her Password in the Password text book	(2)	Enter text into Password text box	Password text box displays the encrypted Password that the User has entered	TBD	TBD	
1.3	Login Attempt With Unregistered User Name	Unregistered User Name is entered and Login button is clicked	(2), (3), (5)	Load incorrect User Name / Password webpage	Webpage is loaded telling User that his/her authentication attempt was incorrect	TBD	TBD	
1.4	Login Attempt With Registered User Name and Incorrect Password	Registered User Name is entered, an Incorrect Password is entered and Login button is clicked	(1), (4), (5)	Load incorrect User Name / Password webpage	Webpage is loaded telling User that his/her authentication attempt was incorrect	TBD	TBD	
1.5	Login Attempt With Registered User Name and Correct Password	Registered User Name is entered, Correct Password for that User Name is entered and Login button is clicked	(1), (3), (5)	Load webpage	Webpage is loaded displaying the User's homepage	TBD	TBD	
1.6	Register Button Clicked	User clicks Register button	(6)	Load webpage	Registration webpage is loaded for a new User to create a new account	TBD	TBD	
1.7	Forgotten Password Link Clicked	Forgotten Password Link is Clicked	(7)	Load webpage	Forgotten Password webpage is loaded that helps instruct users how to get a new password	TBD	TBD	

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user account

[log in](#) [register](#) [request new password](#)

Note: if you have an account with one of our affiliates ([Drupal](#)), you may [login now](#) instead of registering.

Account information

Username: *

Your full name or your preferred username; only letters, numbers and spaces are allowed.

E-mail address: *

A password and instructions will be sent to this e-mail address, so make sure it is accurate.

Personal information

Full name:

Specify your first and last name.

Country: *

Specify your country.

Confirmation E-mail

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

Sent: Thu 11/16/2006 11:29 PM

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: frrVtmKm5f

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

<http://drupal.org/user/reset/92722/1163737748/022d9eb7ddc1c278a2ace164f35e8e6f>

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/92722/edit> so you can change your password.



Home » user account

- Support
- Handbooks
- Forum
- Downloads
- Contribute
- Contact
- Community

xSKK169x

- view
- edit
- track
- contact

The changes have been saved.

History

Member for

5 min 12 sec

Personal information

Full name

Christopher McConnell

Country

United States

Newsletters

Current subscriptions

Currently no subscriptions

Manage subscriptions

[my newsletters](#)

xSKK169x

- ▶ create content
- ▶ issues
- my projects
- my account
- recent posts
- ▶ news aggregator
- log out

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](#)

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[SEARCH](#)

[CONTACT US](#)



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[Support](#) [Handbooks](#) [Forum](#) [Downloads](#) [Contribute](#) [Contact](#) [Community](#)

xSKK169x

[view](#) [edit](#) [track](#) [contact](#)

[account settings](#) | [Drupal](#) | [Personal information](#) | [Work](#) | [my newsletters](#)

Account information

Username: *

xSKK169x

Your full name or your preferred username: only letters, numbers and spaces are allowed.

E-mail address: *

ct14mcco@siena.edu

Insert a valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

Password:

To change the current user password, enter the new password in both fields.

Block configuration

Contributor links

Devel

Comment settings

Signature:

Your signature will be publicly displayed at the end of your comments.

Contact settings

xSKK169x

- ▶ create content
- ▶ issues
- my projects
- my account
- recent posts
- ▶ news aggregator
- log out

Edit Profile (cont.)

First Name:	<input type="text"/>	* Last Name:	<input type="text"/>	*			
Address:	<input type="text"/>	City:	<input type="text"/>	State:	<input type="text"/>	Zip Code:	<input type="text"/>
E-mail:	<input type="text"/>						
* Graduation year:	<input type="text"/>	* Major:	<input type="text"/>	* Minor:	<input type="text"/>		
Favorite Class:	<input type="text"/>	Favorite Professor:	<input type="text"/>				
Did you go to, or are you enrolled in Graduate School?	<input type="radio"/> Yes <input type="radio"/> No						
If Yes, what school?	<input type="text"/>						
Who do you work for?	<input type="text"/>						
Current Job Location:	<input type="text"/>	Current Job Title:	<input type="text"/>				

Please describe your siena experience.*

Please tell the community little about yourself. This could be anything from hobbies/interests, to where you see yourself in 10 years.

Favorite Quote:

Privacy Options

- Public - Ok for the spotlight. everybody can see it.
- Publi-Protected - only viewable if spotlighted
- Protected - community can view but NO to the spotlight.
- Private - viewable specified users, yourself, and administrator.

Please select a security question:

Please enter your security question answer:

NOTE: All * Items must be filled in.



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](#)

admin

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- ▶ news aggregator
- administer
- log out

Home > user account

admin

[view](#) [edit](#) [track](#) [contact](#)

Account information

Username: *

admin

Your full name or your preferred username: only letters, numbers and spaces are allowed.

E-mail address: *

me@home.net

Insert a valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

Password:

To change the current user password, enter the new password in both fields.

Status:

Blocked

Active

Roles:

teacher

writer

The user receives the combined permissions of the *authenticated user* role, and all roles selected here.

Theme configuration

Selecting a different theme will change the look and feel of the site.

Screenshot	Name	Selected
	marvin: themes/chameleon/marvin	<input type="radio"/>
	pushbutton: themes/pushbutton	<input type="radio"/>
	bluemarine: themes/bluemarine (site default theme)	<input checked="" type="radio"/>
	chameleon: themes/chameleon	<input type="radio"/>



drupal

admin

- Forums
- my blog
- ▶ create content
- my account
- Recent Forums
- ▶ news aggregator
- ▶ administer
 - access control
 - aggregator
 - blocks
 - categories
 - comments
 - contact form
 - content
 - forums
 - input formats
 - localization
 - ▶ logs
 - menus
 - modules
 - ▶ settings
 - themes
 - url aliases
 - users
 - help
- log out

[edit primary links](#)

[Home](#) » [administer](#)

users

[list](#) [add user](#) [search](#)

Drupal allows users to register, login, logout, maintain user profiles, etc. No participant can use his own name to post content until he signs up for a user account.

[\[more help...\]](#)

Username	Status	Member for	Last access	Operations
hrayo	active	3 min 42 sec	never	edit
t2	active	7 min 43 sec	3 min 34 sec ago	edit
rkspitz	active	9 weeks 4 hours	never	edit
t1	active	23 weeks 6 days	14 weeks 6 days ago	edit
admin	active	24 weeks 1 day	11 sec ago	edit

admin

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- ▶ create content
- my account
- Recent Forums
- news aggregator
- ▼ **administer**
 - access control
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 - help
- log out

Home

administer

Welcome to the administration section. Below are the most recent system events.

Filter by message type:

all messages

Type	Date	Message	User	Operations
user	2006-11-18 06:11	Session opened for admin.	admin	
user	2006-11-18 06:05	Session opened for admin.	admin	
user	2006-11-18 06:05	Session opened for admin.	admin	
user	2006-11-18 06:05	Session opened for admin.	admin	
user	2006-11-18 06:04	Session opened for admin.	admin	
access denied	2006-11-18 06:04	admin/access denied access.	Anonymous	view
user	2006-11-18 06:03	Session opened for admin.	admin	
user	2006-11-18 06:03	Session opened for admin.	admin	
user	2006-09-16 02:25	Session opened for admin.	admin	
access denied	2006-09-16 02:25	admin/menu denied access.	Anonymous	view
content	2006-09-16 02:24	page: added HI.	admin	view
user	2006-09-16 02:23	Session closed for admin.	admin	
user	2006-09-16 02:23	Session opened for admin.	admin	
user	2006-09-16 02:23	Session opened for admin.	admin	
user	2006-09-16 02:23	Session opened for admin.	admin	
user	2006-09-16 02:22	Session opened for admin.	admin	
user	2006-09-16 02:22	Session opened for admin.	admin	
user	2006-09-16 02:22	Session closed for admin.	admin	
user	2006-09-16 02:21	Session opened for admin.	admin	
access denied	2006-09-16 02:21	admin/settings denied access.	Anonymous	view
user	2006-09-16 02:20	Session closed for admin.	admin	
page not found	2006-09-16 02:20	# not found.	Anonymous	
content	2006-09-16 02:20	page: deleted Hello.	admin	

- Where are we headed next?
 - February 13th, 2007 – Detailed Design
 - May 1st, 2007 – Acceptance Testing
- Questions?

- Thank you all very much for coming, and a special thank you to our client Dr. Eric Breimer.