

Preliminary Design Prototype Screens

Requested by: Dr. Darren Lim
Assistant Professor
Department of Computer Science
Siena College

Mrs. Pauline White
Visiting Instructor
Department of Computer Science
Siena College

Generation Java

ID – 10t Consultants

Prepared by: Kevin Mulchay
Christine Fox
Nick Miller
Jordan Steans

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Generation Java
Preliminary Design: Prototype Screens

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Section 1: Prototype Screens

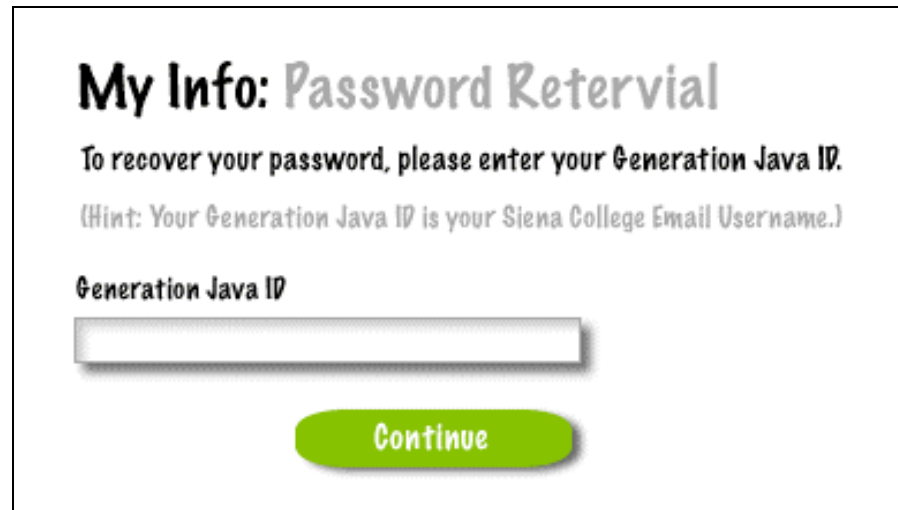
Section 1.01 Login

The login screen is the first screen that a user will visit when attempting to login to the Generation Java system.

The image shows a prototype of a login screen for the Generation Java system. At the top right, the text "GENERATION JAVA" is displayed in blue. Below this is a horizontal navigation bar with buttons for "Home", "Gradebook", and "Logout". The main content area features the heading "Please Sign in." followed by the text "If you don't have a Generation Java Id and you haven't registered for a class, set up a" and a green "New Account" button. Below this is the word "or" and the text "Sign in if you already have an account." A central form box contains two input fields labeled "Generation Java ID" and "Password", a green "Sign in" button, and a link "Did you forget your password? Click here for assistance." At the bottom right of the page, a footer contains the text "Copyright 2008 ID-10t Consultants. All Rights Reserved."

Section 1.02 *Forgot Password*

On click of the forgot password assistance link, located on the login in screen, the following screen will pop-up and allow the user to request their password be e-mailed to them.



My Info: Password Retervial

To recover your password, please enter your Generation Java ID.
(Hint: Your Generation Java ID is your Siena College Email Username.)

Generation Java ID

Continue

Section 1.03 System Admin/ Program Admin/ Instructor – Create Question

The following screen will be a user referenced above to create questions.

Hello, Professor Lim! GENERATION JAVA

Home Gradebook Reports **Create Question** Create Question Set Pool Management Account Management Logout

Create a new Question. Complete the fields below, then click the submit button to save question.

Question Title *

Method Signature *

Question *

Viewable Test Cases *

Category (select one) *

- Arrays
- Logic
- Loops
- ..

Recursive (Select one) *

Yes No

Upload file

Upload file

Solution

Hidden Test Cases

Hints

Upload file

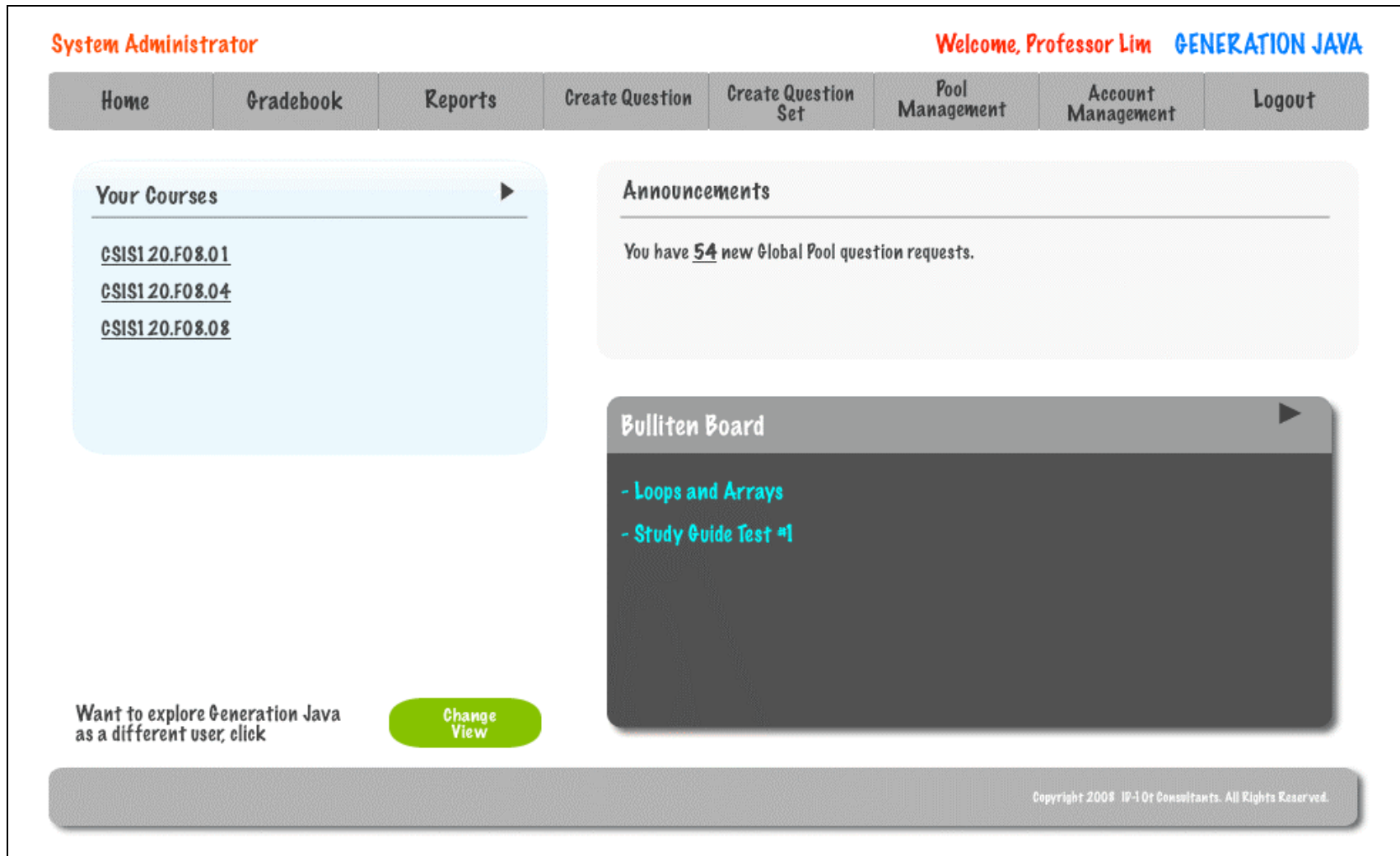
Upload file

* Required Field

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Section 1.04 System Admin Screen Level 0

The following screen is the homepage, or level 0 screen, for the System Admin.



Section 1.05 System Admin – Create User Account

The following screen is a part of the Account Management Process, which allows the System Admin to create new User accounts.

System Administrator Hello, Professor Lim **GENERATION JAVA**

Home Gradebook Reports Create Question Create Question Set Pool Management **Account Management** Logout

Create a new Generation Java User Account.

Complete the fields below, then click the Continue button.

Siena College Email address username (this will be the user's Generation Java ID. Password (at least 8 alphanumeric characters. * Re-type password. *

First Name* Last Name* Account Type (Select one) *

Course List (select courses to add) *

- CSIS1 20.F08.01
- CSIS1 20.F08.04
- CSIS1 20.F08.07

Program Administrator
 Instructor
 Student

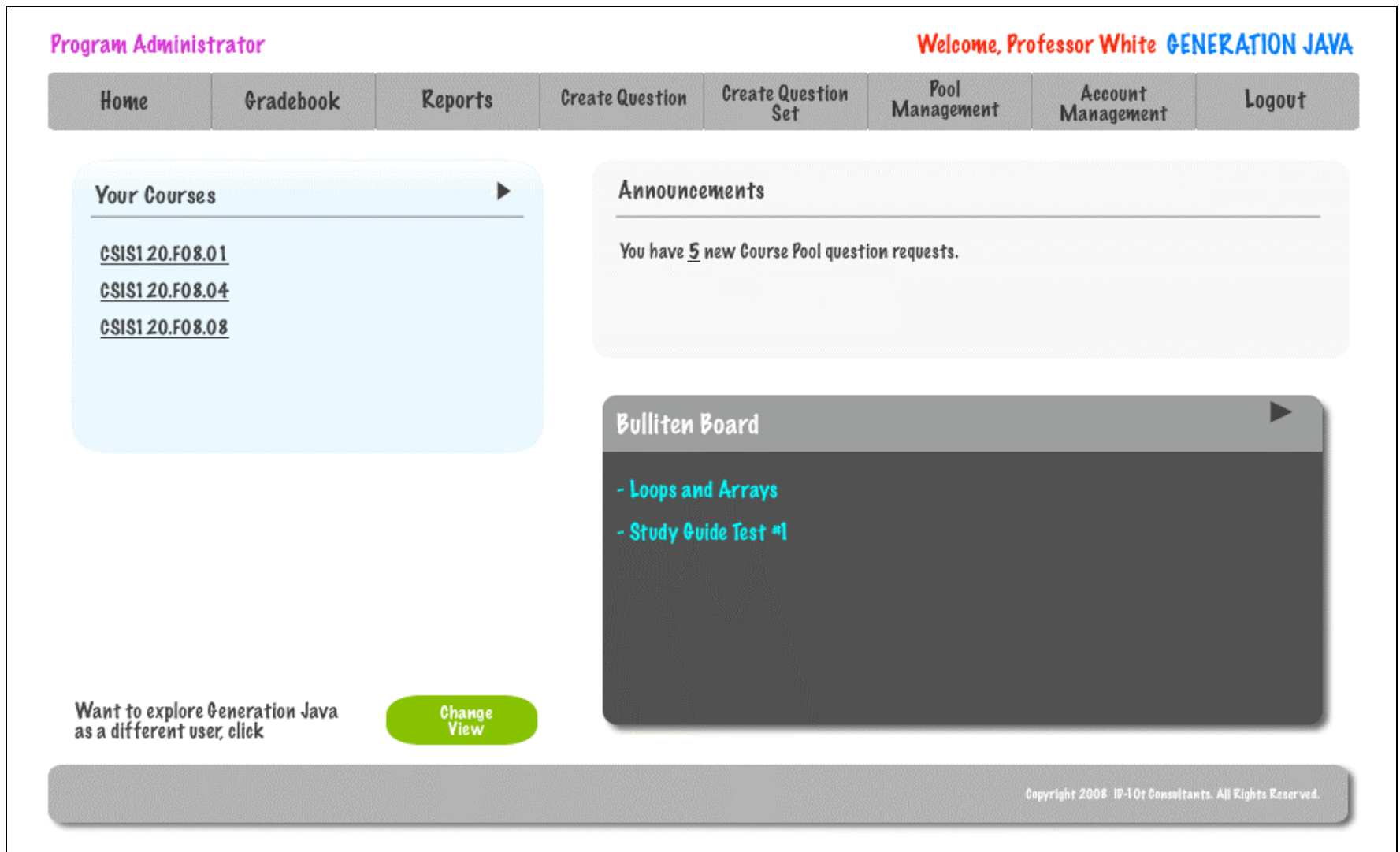
Create Account

* Required Field

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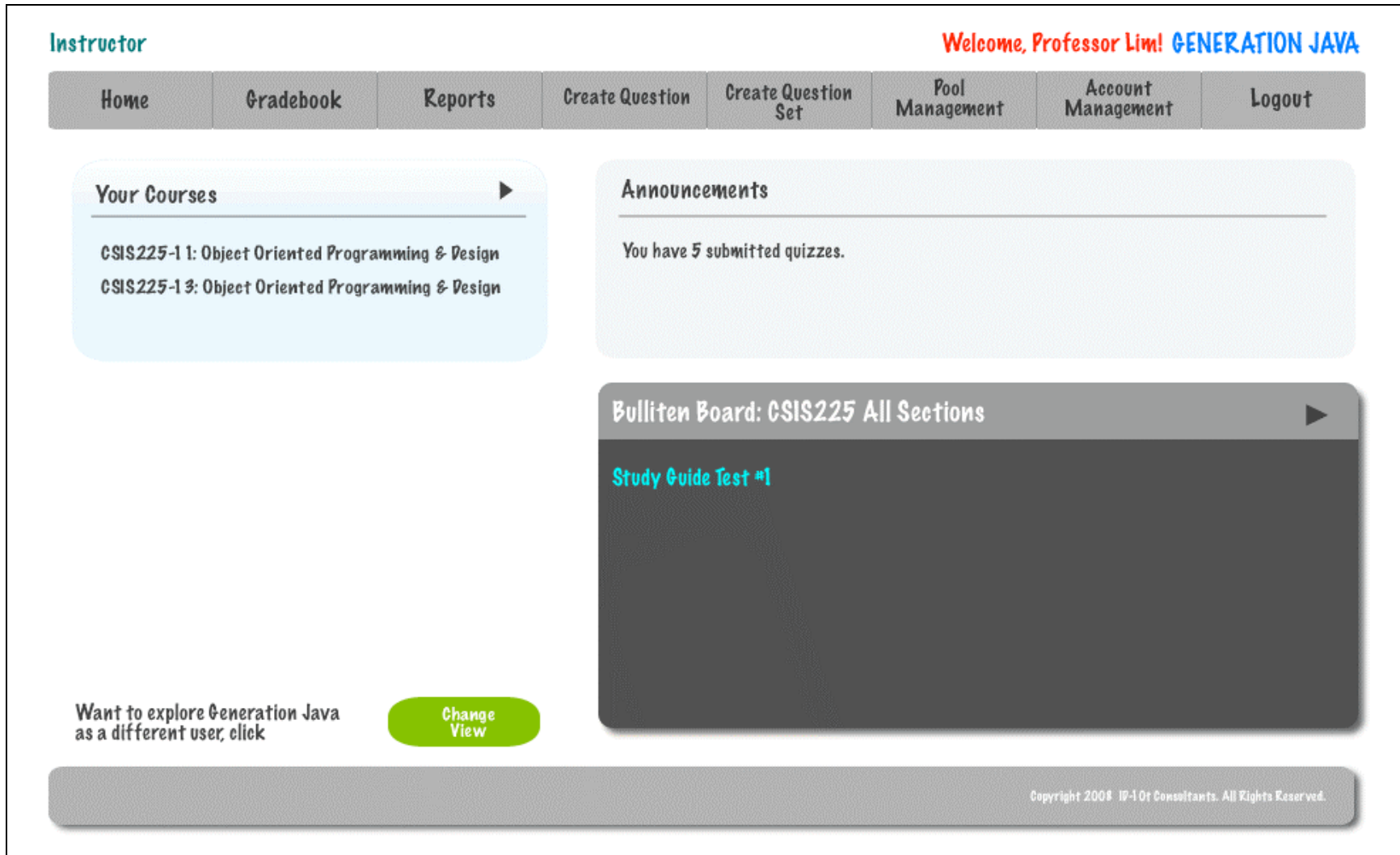
Section 1.06 Program Admin Screen Level 0

The following screen is the homepage, or level 0 screen, for the Program Admin.



Section 1.07 Instructor Screen Level 0

The following screen is the homepage, or level 0 screen, for the Instructor.



Section 1.08 Student - Account Creation

The following screen is the student account creation screen.

GENERATION JAVA

Home Gradebook Logout

Create your Generation Java ID.

Complete the fields below, then click the Continue button.

Siena College Email address username (this will be your new Generation Java ID.) *

Password (at least 8 alphanumeric characters.) *

Re-type your password. *

First Name*

Last Name*

* Required Field

Continue

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Section 1.09 Student – Account Creation Popup

Upon successful creation of a Student account, the following screen will pop-up to report confirmation of enrollment, and request that the Student login to continue the Account Creation/ Registration process.

Welcome: <Generation Java ID>

You have successfully created a Generation Java ID
A confirmation email of your successful enrollment was sent to your email address on file.

Please login to continue and register for classes.

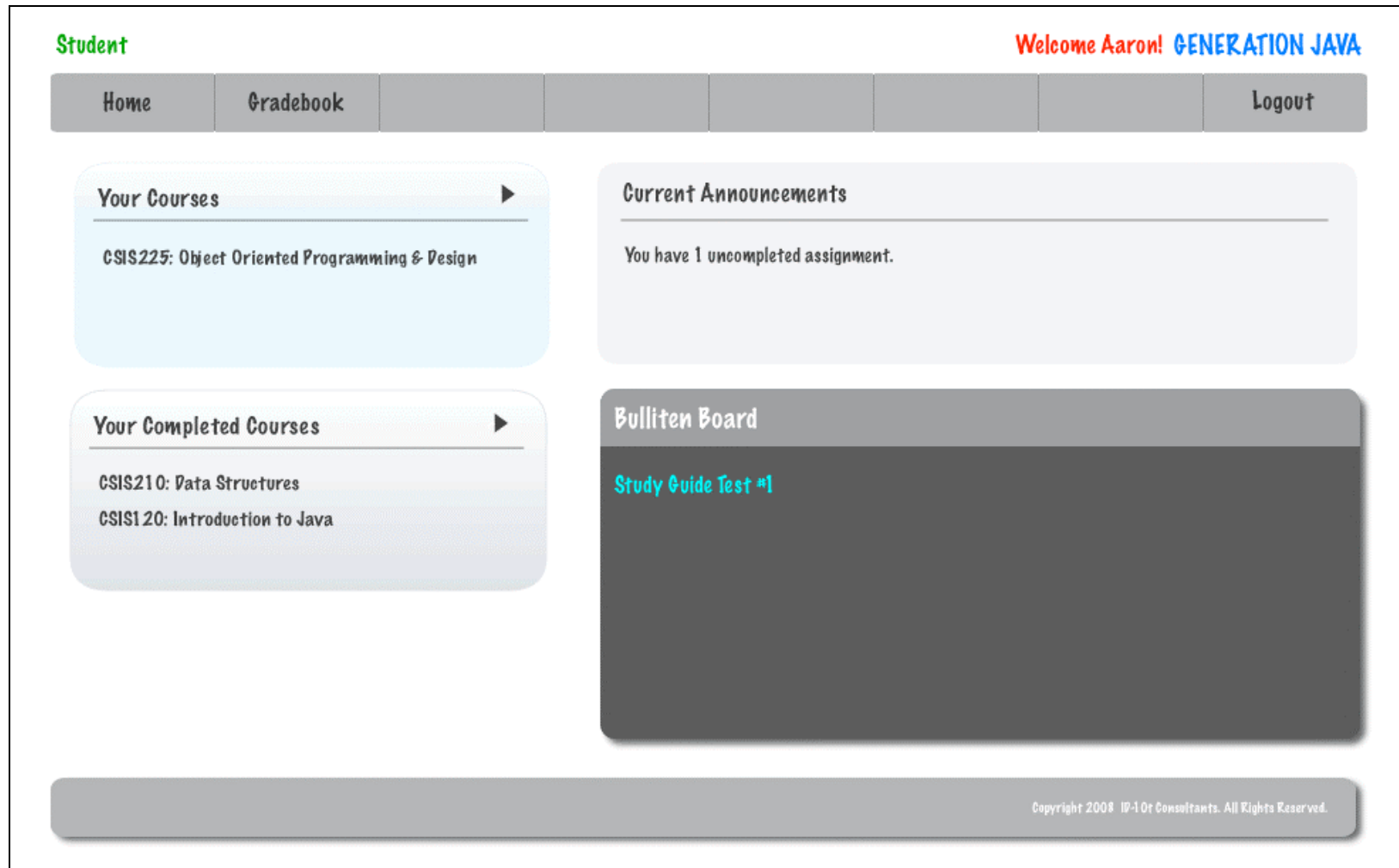
Generation Java ID

Password

Continue

Section 1.10 Student Screen Level 0

The following screen is the homepage, or level 0 screen, for the Student.



Section 1.11 Student Question / Question Set Answer Page

The following screen is Question/ Questions Sets answering screen for the Student.

Student Welcome, Aaron! **GENERATION JAVA**

Home Gradebook Logout

1. Given 2 ints, a and b, return true if one if them is 10 or if their sum is 10.

```
public boolean makes10(int a, int b){}
```

[Link to Java 1.6 API](#)

```
public boolean makes10(int a, int b) {  
}  
}
```

Question Set: SampleQuestionSet #1
Question Point Value: 10 points

Input	Output	Correct
Hidden Cases		

Hints

```
makes10(9, 10) --> true  
makes10(9, 9) --> false  
makes10(1, 9) --> true
```

Save **Compile / Run**

Solution

Attempts Remaining: 3/3

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Section 1.12 Student Gradebook

The following screen is the gradebook for the Student.

Student Hello, Aaron! GENERATION JAVA

Home **Gradebook** Logout

Course: CSIS1 20 Object Oriented Programming & Design ➔

Date	Assignment Name	Points Received	Possible Points	Category	Weight
10/01	Lab#1	7	10	LAB	5%

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