CS 40800: Test Plan

**ClassMaster Test Plan**

Sahil Pujari, Keenan Wresch, Akshit Gudoor, Hari Krishnam Raju, Aritra Samanta

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Legend:

[Identification Number]

1. [Descriptive Title], [Severity Level]
2. [Specific Instructions]
3. [Expected Outcome]

Severity Levels:

* “Severity 1” – An aspect that is critical to the success of the software.
* “Severity 2” – An important aspect of the software.
* “Severity 3” – The software could still function if a defect goes unfixed.

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Create Account 001

1. “Create Account” Button, Severity 2
2. Click the “Create Account” Button
3. User should be redirected to a “Create Account” page

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Create Account 002

1. Submit valid “Create Account” information, Severity 1
2. A valid name, email, and password are submitted
3. User information should be saved in user database and user is redirected to the main page

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Create Account 003

1. Null name, Severity 2
2. The form is submitted with no name but valid email and password
3. User should be notified with an error message and prompted to re enter account information

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Create Account 004

1. Null email, Severity 2
2. The form is submitted with no email but valid name and password
3. User should be notified with an error message and prompted to re enter account information

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Create Account 005

1. Null password, Severity 2
2. The form is submitted with no password but valid email and name
3. User should be notified with an error message and prompted to re enter account information

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Create Account 006

1. Invalid name, Severity 3
2. The string “000” is entered as the name with valid email and password
3. User should be notified with an error message and prompted to re enter account information

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Create Account 007

1. Invalid email, Severity 1
2. The string “000” is entered as the email with valid name and password
3. User should be notified with an error message and prompted to re enter account information

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Create Account 008

1. Password too short (less than 8 characters), Severity 3
2. The string “Ab0” is entered as the password with valid email and name
3. User should be notified with an error message and prompted to re enter account information

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Create Account 009

1. Password does not have an uppercase letter, Severity 3
2. The string “abcdefg0” is entered as the password with valid email and name
3. User should be notified with an error message and prompted to re enter account information

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Create Account 010

1. Password does not have a lowercase letter, Severity 3
2. The string “ABCDEFG0” is entered as the password with valid email and name
3. User should be notified with an error message and prompted to re enter account information

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Create Account 011

1. Password does not have a number, Severity 3
2. The string “AbCdEfGh” is entered as the password with valid email and name
3. User should be notified with an error message and prompted to re enter account information

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Login 001

1. “Login” Button, Severity 1
2. Click the “Login” Button
3. User should be redirected to a “Login” page

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Login 002

1. Submit correct “Login” information, Severity 1
2. User enters correct email and password and presses submit
3. Server session is started and user is redirected to main page

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Login 003

1. Submit incorrect “Login” information, Severity 1
2. User enters incorrect email and password and presses submit
3. User should be notified with an error message and prompted to re enter login information

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Logout 001

1. “Logout” Button, Severity 2
2. Click the “Logout” Button
3. Server session is closed and user is redirected to login page

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Class Search 001

1. “Class Search” Searchbox, Severity 2
2. Click the “Search Box”
3. User should be prompted with a keyboard to enter the desired class he/she is searching for.

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Class Search 002

1. Valid Search information, Severity 1
2. Valid text formats are submitted
3. User is shown with the search results of the search he performed.

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Class Search 003

1. Invalid text format, Severity 1
2. An invalid search is entered with an invalid text like “#cs#$)”
3. User should be notified with an error message and prompted to re enter the search.

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Subscribe 001

1. Subscribe button or star option button, Severity 1.
2. Change in the status of the book subscription.
3. User should be able to see that the certain class is subscribed.

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Subscribe 002

1. Showing information about the subscribed class, Severity 2.
2. **Change in the status of the book subscription.**
3. User should be able to see related classes to which he/she subscribed to.

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Subscribe 003

1. Showing information about the subscribed class, Severity 2.
2. Change in the status of the book subscription.
3. User should be notified when the class he or she has subscribed to is open and becomes available.

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Unsubscribe 001

1. Checking of the functioning of UnSubscribe Button, Severity 1
2. User should be able to click the unsubscribe button and unscribe from a class.
3. User should be able to see that the certain class is unsubscribed.

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Unsubscribe 002

1. Checking of the functioning of UnSubscribe Button, Severity 2
2. User should be able to unsubscribe to classes only which he has subscribed earlier.
3. User should be able to see the unsubscribe button only to classes to which he has subscribed for.

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Unsubscribe 003

1. Not showing information about the class after it has been unsubscribed, Severity 1
2. Change in the status of the book subscription.
3. User should not be able to see any related information about the class he has unsubscribed to.

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Class Ratings 001

1. Display ratings for the class, Severity 2
2. Display the rating right beside the class and the user should be able to see it.
3. User is able to see the present ratings of the class given by other students who have taken the class previously.

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Class Ratings 002

1. Rate Class Button, Severity 1
2. **As a user I would like to rate a class to which I am presently taking or have previously taken.**
3. User is allowed to rate the class that he/she has taken or is presently taking.

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Class Ratings 003

1. Rate Class input, Severity 2
2. Text is inputted rather than just numbers.
3. User is notified with an error and then prompted to re-enter.

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