

# CSE 115A – Introduction to Software Engineering

Blackboard Team

Blackboard Tutor Scheduling

6/05/2024

## Test Plan and Report

### System Test scenarios:

- A. **User story:** “As a student, I want to see all my classes for this month so I can plan ahead.”

Scenario 1: Sign up for a new Class (Pass)

1. start Blackboard app; select register/sign up and select ‘student’; type  
name = <any>  
password = <any>  
role = <student>  
press register
2. user should see have access to Blackboard app; select book icon  
in navigation bar;  
subject = <any>  
type = <group>  
Press “search”
3. User should see classes specific to subject selected; click on a  
class for options for more information or sign up  
Press sign up for a class -> redirected to home page
4. After signing up for a class, the user can pull down the calendar  
template and see a “dot” underneath the day of class  
-Click on day of class  
-Upcoming classes should be listed

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- B. **User story:** “As a student, I want to learn more about this teacher’s class so I can see if it aligns with my interests.”

Scenario 2: View more information about classes (Pass)

1. start Blackboard app; select register/sign up and select ‘student’; type  
name = <any>  
password = <any>  
role = <student>  
press register
2. user should see have access to Blackboard app; select book icon  
in navigation bar;  
subject = <any>  
type = <group>  
Press “search”

3. User should see classes specific to subject selected; click on a class for options for more information or sign up  
Press “More Info” for a class -> redirected to MoreInfo page
  4. The user should be able to see class details including reviews for teacher, attendance, and teacher rating
  5. After signing up for a class, the user can pull down the calendar template and see a “dot” underneath the day of class
    - Click on day of class
    - Upcoming classes should be listed
  6. Through the homescreen, if one clicks on a listed class, the user is then redirected to the More Information page where they can see class details including reviews for teacher, attendance, and teacher rating
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**C. User story:** “As a student, I want to leave a review for teachers so other students can see them.”

Scenario 3: Leave a review about a class (Pass)

1. start Blackboard app; login to a premade account;
  2. user should have access to Blackboard app; select profile icon within the navigation bar
  3. User should see their profile page and a list of class history; click on a class that has ALREADY been taken (meaning its in pass) to be redirected to Review Page
    - Press “View information” for a class -> redirected to review page
  4. If the date of the class has already been passed, the Student can leave a review
    - > press on “Leave A Review” - a modal should pop up
    - > select a star rating (Required) and type a review
    - > press post
  5. Press Home Icon on Navigation bar and pull down the calendar and select the date the reviewed class was on
    - >Class should be listed
    - >Press class that you reviewed
  6. Through the homescreen, if one clicks on a listed class, the user is then redirected to the More Information page where they can see class details including the reviews they left for a teacher,
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D. User Story: "As a user, I want to sign up for this app so I can learn something new or be able to teach a class." (Pass)

1. Scan QR code to pull up app in Expo Go.
  2. Once in login screen, select button to create new account
  3. Fill out all text fields.
  4. Try and fill out only some. (acceptance criteria 3)
  5. When you create the account, does the information populate database? (acceptance criteria 1)
  6. Can you log in with the account information you created? Does it pull stuff from database? (acceptance criteria 2)
  7. When you fill out the information does it bring you to home screen of the app after you created account? (acceptance criteria 4)
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E. User Story: "As a student/teacher, I want to see the past classes I've taken and the email I signed up with." (Pass)

- >Login to Blackboard Application
  - >Using the Navbar, click the profile icon
  - > the Profile screen lists all classes taken as well displaying the account details including email you signed up with
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F. User Story: "As a teacher, I want my class additions to show up on my calendar so I know what days I'm teaching."

Scenario 6: Select class days on calendar (Pass)

1. Login to Blackboard Application
  2. Pull down the calendar template to see which days you have class
  3. Select a day with a blue dot underneath, which signifies a day that you have class
  4. A list of classes will be displayed and the user can select any class to see the details
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G. User Story: "As a teacher, I want to view a list of students enrolled in my classes for better preparation." (Fail-ish)

1. Click on class's more information through profile screen
2. Does the class show attendance?

3. Does the attendance number match with the one on the database?
  4. NOT A LIST
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I. User Story: “As a teacher, I want to be able to close a class once enough student sign up” (Pass)

1. Login into a Teacher account on the BlackBoard App
2. Click on the profile Icon on the Navbar
3. Click on the class you wish to access and click on the “View Information”
4. At the top, there should be a field option allowing you to “close” the class meaning no new students can sign up
5. Click on the option and it will redirect you while closing the class meaning no more students can sign up for it

Note for each scenario whether the test passed or failed for the system release version.

• **Unit tests:** None since we are developing through expo go. We are able to test as we write code.

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