Test Plan for Team 24

Team 21 Readly
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1 - Class Select

Functional:

1. ClassSelect001, User select class, Severity Important
2. - Go to 'All Courses' (Verify button takes you to course listing)
   - Select course you wish to be added to
3. - The page should automatically show you in the class
   - if not then go to my courses and verify that the course you added is there

3 - Login And Logout

Functional:

1. LoginAndOut001, Login and logout workflow, Severity Critical
2. - Press sign in
   - Enter credentials
   - Ensure are you logged in and your credentials are correctly displayed under the section with your name
   - On that same screen, hit the log out button
3. Ensure that you are now logged out

Equivalence class:

1. LoginAndOut 002, verifying the Incorrect login credentials, Severity Critical
2. - Press sign in
   - Enter credentials
3. User should not be redirected to the home page.

Boundary Value:

1. LoginAndOut 003, Empty username field, Severity Important
2. - Press sign in
   - Leave username field blank and type the password.
3. User should not be redirected to the home page and should get a notification.

1. LoginAndOut 004, Empty password field, Severity Important
2. - Press sign in
   - Leave password field blank and type the username.
3. User should not be redirected to the home page and should get a notification.

4 - Student Finder

Functional:
1. StudentFinder001, See students in class, Severity Critical
2. - Navigate to my courses
   - Select a class
   - Select the all students in class drop down
3. List of students in class

5 - Sign up

Equivalence Class:
1. Signup001, Number for email, Severity Important
2. Enter only numbers for email
3. Error Invalid email

1. Signup002, Valid entry for email, Severity Important
2. Enter valid email entry for email field
3. Signup successful

1. Signup003, Valid name, Severity Important
2. Enter only characters for name
3. Signup successful

Boundary Value Testing:
1. Signup004, Null value testing, Severity Critical
2. Null field for names, email
3. Error Signup failed

Functional Testing:
1. Signup005, Valid Signup full, Severity Critical
2. Enter valid credentials for signup
3. Successful redirection to home screen

6 - Create Course

Functional testing
1. CreateCourse 001, Create a course, Severity Critical
2. Provide inputs to all the field and click on the add symbol in the create course tab.
3. User should be able to see all students in that particular course.

Equivalence Testing
1. CreateCourse 002, Create a course with Valid Course details, Severity Importrant
2. Provide valid inputs to all the fields and click on the add symbol in the create course tab.
3. User should be able to see all students in that particular course.

1. CreateCourse 003, Create a course with Invalid Course details, Severity Work Around
2. Provide Invalid inputs to all the fields and click on the add symbol in the create course tab.
3. User should be able to see all students in that particular course.

Boundary Value Testing
1. CreateCourse 004, Create a course with all blank fields, Severity Important
2. Provide blank inputs to all the fields and click on the add symbol in the create course tab.
3. User should get an error notification.

8 - Leave Course

Functional testing
1. LeaveCourse 001, Leave a course, Severity Critical
2. Select a course from all course tab and click on the leave course button.
3. A successful notification and the course should disappear from the my course list of the particular user .

Equivalence testing
1. LeaveCourse 002, Leave a course and ensure that a user leaves the selected course not any other course, Severity Critical
2. Select a course from all course tab and click on the leave course button.
3. A successful notification and the specific course should disappear from the my course list of the particular user .

Boundary Value testing
No boundary value tests are possible to test a button.

9 - Student Profile

Functional Testing
1. StudentProfile 001, View a student profile, Severity Important.
2. Select a course from My courses tab and select a student to view the information.
3. A user info page should display with all the user details.

Equivalence Testing
1. StudentProfile 002, View a student profile and ensure the details are correct, Severity Work Around.
2. Select a course from My courses tab and select a student to view the information.
3. A user info page should display with all the valid user details.

Boundary Value Testing
1. StudentProfile 003, View a student profile and ensure the student is registered in that particular course, Severity Critical.
2. Select a course from My courses tab and select a student to view the information.
3. A user info page should display with all the user details. Make sure the user is registered for that course by making a test user and registering for that specific course.

11 - Communicate

Functional Testing
1. Communicate 001, communicate with other Users, Severity important
2. Click on a student in courses tab.
3. User should be able to view email address of the other student.

Equivalence Testing
1. Communicate 002, communicate with no Users, Severity important
2. Create a new group and try to communicate with another user in that team
3. User should not be able to see anyone's email address as their is no one in that group.

Boundary Value Testing
1. Communicate 003, communicate with last user, Severity important
2. Create a new group and allow other members to join then make all but one members leave
3. User should be able to communicate with the last member still in the group.

15 - Create a Team

Functional Testing.
1. Create 001, create a team, Severity Crtitical
2. Click on create a new team.
3. New team should be created in the list of teams.

Equivalence class Testing
1. Create 002, create multiple teams Severity Important
2. Create 3 teams each with different names.
3. There should be three new teams in the list of teams.

Boundary class Testing
1. Create 003, create 2 teams with the same name, Severity WorkAround
2. Create 2 teams with the same name
3. After creating the first team I should not be allowed to make the second one.

16 - Joining a team

Functional Testing
1. Join 001, join a team, Severity Critical
2. Click on join a team.
3. My user should be joined in that team and I should be able to see other members of the team.

Equivalence class Testing
1. Join 002, join multiple teams in the same class, Severity Important
2. Click join a team for multiple teams in the same class.
3. User should be joined within multiple teams within that same class.

Boundary value Testing
1. Join 003, Join the same team twice. Severity Work Around
2. Click join a team on a team I have already joined.
3. User should only be displayed once in list of members.

17- Leaving Team

Functional Testing
1. Leave 001, Leave Button. Severity, important.
2. Click on 'Leave' button while in a group
3. Removes user from team and redirects page

Equivalence test
1. Leave 002, Leave and rejoin group. Severity important.
2. Click on leave from a group, and then rejoin that group to ensure 'leave' removes user
3. User should be able to rejoin group

Boundary Value Testing
1. Leave 003, Leave as last user. Severity workaround.
2. Click on 'leave group' as the last or only user in the group
3. User should be notified and/or group should be deleted

22 - Changing name and career account

Functional Testing
1. Change 001, Change user information. Severity, Critical.
2. Click on 'Change account' or 'signup' button to change user information
3. Redirects user to a page with options of changing name or user account

Equivalence Class Testing
1. Change 002, Verifying the combination of Purdue login credentials. Severity, important.
2. Click on 'change' button with a name and correct combination of login credentials
3. Successfully changes user information and redirects the user to the landing page

Boundary Value Testing
1. Change 003, no password or incorrect password. Severity workaround.
2. Click on 'change account or 'signup' button with no password or incorrect password field
3. An error asking for the correct password is expected

23 - Undo join and leave group actions

Functional Testing
1. Undo 001, Undo button. Severity, important.
2. Click on 'undo' button after joining a group
3. Removes user from the group

1. Undo 002, Undo button. Severity, important.
2. Click on 'undo' button after leaving a group
3. User should automatically rejoin group

Equivalence Class Testing
1. Undo 003, Undo-ing an undo. Severity, workaround.
2. Click on undo after joining a group, and then click on undo after being removed from the group
3. Allows user to perform original action of joining group

Boundary Value Testing
1. Undo 004, Undo without joining or leaving team. Severity workaround.
2. Click on 'undo' button prior to joining or leaving any team
3. Program should prompt user on correct usage of undo button