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Debate Forum

Test Plan

BACKLOG ID 1

Functionality Test Cases

TEST ID 1-1
   Title: Registered user attempts to log in with correct credentials
   Severity: 1
INSTRUCTIONS
   User inputs correct username and password into login screen and hits the login button
EXPECTED RESULT
   User is logged in and is sent to the discussions thread.

TEST ID 1-2
   Title: Registered user attempts to log in with incorrect credentials
   Severity: 1
INSTRUCTIONS
   User inputs incorrect username or password into login screen and hits the login button
EXPECTED RESULT
   A warning dialogue box appears to inform user that the entered credentials are invalid

TEST ID 1-3
   Title: Registered user attempts to log in with incorrect credentials multiple times
   Severity: 2
INSTRUCTIONS
   User inputs incorrect username or password into login screen and hits the login button repeatedly
EXPECTED RESULT
   User is locked out of their account and an email is sent to inform them of multiple failed attempts

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 2

Functionality Test Cases

TEST ID 2-1
    Title: Once user has logged in they are able to view the discussions thread
    Severity: 1
INSTRUCTIONS
    A valid username and password is entered
EXPECTED RESULT
    The main thread is displayed correctly

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

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BACKLOG ID 3

Functionality Test Cases

TEST ID 3-1
Title: User can attempt to create an account

Severity: 1

INSTRUCTIONS
Sign Up button on the main page is clicked

EXPECTED RESULT
User is redirected to a signup page

TEST ID 3-2
Title: Once user is on sign-up page

Severity: 1

INSTRUCTIONS
User can fill in new credentials and hit the create account button assuming information is valid

EXPECTED RESULT
User's credentials are saved and they can then log in with their account

TEST ID 3-3
Title: User inputs incorrect sign-up information

Severity: 1

INSTRUCTIONS
User attempts to input some sort of information that is considered invalid (password length, special chars, etc.)

EXPECTED RESULT
Error is displayed telling the user helpful information to be able to fix their account information

Equivalence Class Test Cases
None

Boundary Value Test Cases
Input passwords of 0 length, one over, and one under minimum length to ensure correct behavior

BACKLOG ID 4

Functionality Test Cases

TEST ID 4-1

Title: Using another device

Severity: 3

INSTRUCTIONS

User attempts to sign-in to a new device or computer

EXPECTED RESULT

Their information is pulled from the database and displayed for the user

TEST ID 4-2

Title: Saving new info

Severity: 3

INSTRUCTIONS

User makes some sort of update to their profile

EXPECTED RESULT

The information is saved on one device and can be immediately viewed on another device

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

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BACKLOG ID 6

Functionality Test Cases

TEST ID 6-1
> **Title**: User wishes to comment
> **Severity**: 1

INSTRUCTIONS
> User attempts to place a comment

EXPECTED RESULT
> The user is sent to a screen where they can write a comment in a text box

TEST ID 6-2
> **Title**: User submits comment
> **Severity**: 1

INSTRUCTIONS
> Once user has written a comment the user can submit the comment

EXPECTED RESULT
> Once the submission is sent user is redirected to their comment on the discussion where it was posted

TEST ID 6-3
> **Title**: Comment is updated on the website
> **Severity**: 2

INSTRUCTIONS
> Submit a comment and be redirected to the discussion where it was submitted

EXPECTED RESULT
> The comment that was made should be posted immediately

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 7

Functionality Test Cases

TEST ID 7-1

Title: Poll creating module functionality with valid fields

Severity: 2

INSTRUCTIONS

Mouse input on 'Add poll' button, text input into title, option1, and option2 fields, then a final mouse input on 'Submit post' button

EXPECTED RESULT

New poll is created and displayed at the end of the thread

TEST ID 7-2

Title: Poll creating module functionality with invalid title

Severity: 2

INSTRUCTIONS

Mouse input on 'Add poll' button, text input into option1 and option2 fields, but invalid input into title then a final mouse input on 'Submit post' button

EXPECTED RESULT

Error dialog box is displayed to user and post is not submitted

TEST ID 7-3

Title: Poll creating module functionality with invalid option1

Severity: 2

INSTRUCTIONS

Mouse input on 'Add poll' button, text input into title and option2 fields, then a final mouse input on 'Submit post' button

EXPECTED RESULT

Error dialog box is displayed to user and post is not submitted

TEST ID 7-4

Title: Poll creating module functionality with invalid option2

Severity: 2

INSTRUCTIONS

Mouse input on 'Add poll' button, text input into title and option1 fields, then a final mouse input on 'Submit post' button

EXPECTED RESULT

Error dialog box is displayed to user and post is not submitted

TEST ID 7-5

Title: Poll creating module functionality canceling

Severity: 1

INSTRUCTIONS

Comment text field is filled with valid text input. Mouse input on 'Add poll' button, text input into title, option1, and option2. Then poll is canceled by clicking 'Cancel poll'. Post is submitted by clicking 'Submit post'

EXPECTED RESULT

Post is submitted and no poll was created

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

BACKLOG ID 8

Functionality Test Cases

TEST ID 8-1
Title: Poll interaction - poll's author details and timestamp

Severity: 1

INSTRUCTIONS
Log in as a user and create a poll. Log out and log into a different user account.

EXPECTED RESULT
The poll displaying on the second user should be showing that the first user made the poll at the correct time

TEST ID 8-2
Title: Poll interaction - voting option1

Severity: 1

INSTRUCTIONS
Mouse input into option1 field's button while logged into a user who hasn't answered the poll yet

EXPECTED RESULT
Option1's counter should increase by 1

TEST ID 8-3
Title: Poll interaction - voting option2

Severity: 1

INSTRUCTIONS
Mouse input into option2 field's button while logged into a user who hasn't answered the poll yet

EXPECTED RESULT
Option2's counter increases by 1

TEST ID 8-4
Title: Poll interaction - voting multiple times

Severity: 1

INSTRUCTIONS
Mouse input into option1, option1 again, then option2 while logged into a user who hasn't answered the poll yet

EXPECTED RESULT
Option1's counter increases by 1

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

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BACKLOG ID 9

Functionality Test Cases

TEST ID 9-1
Title: Comment flagging

Severity: 2

INSTRUCTIONS

Mouse input on 'Report this comment' button on a comment which exists

EXPECTED RESULT

Comment is reported to moderators with a unique comment ID, name of user which sent report

TEST ID 9-2
Title: Comment flagging - repeating flagging on single comment

Severity: 1

INSTRUCTIONS

Mouse input on 'Report this comment' button on a comment that's already been reported

EXPECTED RESULT

Message box notification that the comment is already flagged, and no new report is written

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

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BACKLOG ID 10

Functionality Test Cases

TEST ID 10-1
Title: User interface scaling fullscreen

Severity: 1

INSTRUCTIONS

Window is resized to fullscreen

EXPECTED RESULT

All GUI elements are visible on the window panel

TEST ID 10-2
Title: User interface scaling shrinking

Severity: 1

INSTRUCTIONS

Window is resized to the minimum screen size determined by the different elements

on the panel

EXPECTED RESULT

All GUI Elements are visible on the window panel

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 11

Functionality Test Cases

TEST ID 11-1
Title: A thread's posts are refreshed to display on the GUI automatically

Severity: 1

INSTRUCTIONS

One user logs in to view a thread, another user logs in and creates a post on the same thread

EXPECTED RESULT

The user which is viewing the thread will see the new post without refreshing manually

TEST ID 11-2
Title: A thread's posts are refreshed to display on the GUI automatically while window is minimized

Severity: 1

INSTRUCTIONS

One user logs in to view a thread then minimizes the window, another user logs in and creates a post on the same thread. After the page was refreshed automatically, the window is expanded

EXPECTED RESULT

After the window is expanded, then it should display the correct contents of the thread

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 12

Functionality Test Cases

TEST ID 12-1
Title: Moderators having same privileges and abilities as users

Severity: 2

INSTRUCTIONS

The test case should be constructed such that it tests all functionalities that users have while logged in as a moderator

EXPECTED RESULT

The results of the test case compares its own result from the tests that were done on users

TEST ID 12-2
Title: Administrators having same privileges and abilities as moderators

Severity: 2

INSTRUCTIONS

The test case should be constructed such that it tests all functionalities that moderators have while logged in as an administrator

EXPECTED RESULT

The results of the test case compares its own result from the tests that were done on moderators

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 13

Functionality Test Cases

TEST ID 13-1

Title: Hide Comments with confirmation

Severity: 2

INSTRUCTIONS

As a moderator, go to a comment on the thread and click on the "hide comment" button. When prompted, confirm the operation

EXPECTED RESULT

That page should automatically refresh and that comment should no longer appear on the thread

TEST ID 13-2

Title: Hide Comments with cancellation

Severity: 1

INSTRUCTIONS

As a moderator, go to a comment on the thread and click on the "hide comment" button. When prompted, cancel the operation

EXPECTED RESULT

Nothing should happen and the comment should still be in the thread

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

BACKLOG ID 14

Functionality Test Cases

TEST ID 14-1
Title: Able to view reported comments
Severity: 2
INSTRUCTIONS
As a user go to a comment on a thread and report it. Then log in as a moderator and go to the moderator module and under that, "reported comments"
EXPECTED RESULT
This should display a the reported comment.

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

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BACKLOG ID 15

Functionality Test Cases

TEST ID 15-1
Title: Moderator ability to create debate topic with valid input parameters
Severity: 2
INSTRUCTIONS
As a moderator go to the moderator module and under debate topic, enter a valid title more than 10 characters long and a valid date and hit submit
EXPECTED RESULT
The title should appear on the assigned date for that thread

TEST ID 15-2
Title: Moderator ability to create debate topic with invalid title and valid date
Severity: 2
INSTRUCTIONS
As a moderator go to the moderator module and under debate topic, enter a invalid title of less than 10 characters and a valid date and hit submit
EXPECTED RESULT
An error message should appear warning that the title is invalid

TEST ID 15-3
Title: Moderator ability to create debate topic with valid title and invalid date
Severity: 2
INSTRUCTIONS
As a moderator go to the moderator module and under debate topic, enter a valid title of more than 10 characters and an invalid date and hit submit
EXPECTED RESULT
An error message should appear warning that the date is invalid

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 16

Functionality Test Cases

TEST ID 16-1
Title: Ban valid user

Severity: 2

INSTRUCTIONS

As a moderator, enter a valid username of a user to ban under moderator module and click submit. Then log out and attempt to log in as that user

EXPECTED RESULT

The user should not be able to log in

TEST ID 16-2
Title: Ban invalid user

Severity: 1

INSTRUCTIONS

As a moderator, enter an invalid username of a non-existent user to ban under moderator module and click submit

EXPECTED RESULT

An error message should be shown indicating that no such user exists

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 17

Functionality Test Cases

TEST ID 17-1
> **Title**: Able to view the reporter of reported comments
> **Severity**:

INSTRUCTIONS
> As a user go to a comment on a thread and report it. Then log in as a moderator and go to the moderator module and under that, "reported comments"

EXPECTED RESULT
> This should display the reported comment and the individual username that reported it

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

BACKLOG ID 18

Re-run all the test cases for backlog ids [1-11] using an account with moderator privileges

BACKLOG ID 19

Functionality Test Cases

TEST ID 19-1
Title: Make valid user moderator

Severity: 2

INSTRUCTIONS

In the user text box, type the name of the user who exists in the system to upgrade to moderator status. Click the button to upgrade them to a moderator

EXPECTED RESULT

A message will appear showing the success of the promotion operation

TEST ID 19-2
Title: Make invalid user moderator

Severity: 2

INSTRUCTIONS

In the user text box, type the name of the user who does not exist in the system to upgrade to moderator status. Click the button to try to upgrade them to a moderator

EXPECTED RESULT

A message will appear showing the failure of the promotion operation

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

BACKLOG ID 20

Functionality Test Cases

TEST ID 20-1
Title: Remove moderator status from valid user

Severity: 2

INSTRUCTIONS

In the user text box, type the name of the user who exists in the system to downgrade from moderator status. Click the button to downgrade them to a normal user

EXPECTED RESULT

A message will appear showing the success of the demotion operation

TEST ID 20-2
Title: Remove moderator status from invalid user

Severity: 2

INSTRUCTIONS

In the user text box, type the name of the user who does not exist in the system to downgrade from moderator status. Click the button to try to downgrade them to a normal user

EXPECTED RESULT

A message will appear showing the failure of the demotion operation

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

BACKLOG ID 21

Functionality Test Cases

TEST ID 21-1
Title: Undo moderator post removal with confirmation

Severity: 3

INSTRUCTIONS

As an administrator, go to the list of flagged posts and click the unhide button. When prompted, confirm the operation

EXPECTED RESULT

Post is removed from the list of flagged post and other users can now see it

TEST ID 21-2
Title: Undo moderator post removal with cancellation

Severity: 3

INSTRUCTIONS

As an administrator, go to the list of flagged posts and click the unhide button. When prompted, cancel the operation

EXPECTED RESULT

Post is not removed from the list of flagged post and other users still cannot see it

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

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BACKLOG ID 22

Functionality Test Cases

TEST ID 22-1

Title: Edit forum rules with save

Severity: 3

INSTRUCTIONS

As an administrator, click the rules button and edit the text box that appears containing the rules. Click the save button

EXPECTED RESULT

The new rules will now appear to other users when reloaded

TEST ID 22-2

Title: Edit forum rules with cancel

Severity: 3

INSTRUCTIONS

As an administrator, click the rules button and edit the text box that appears containing the rules. Click the cancel button

EXPECTED RESULT

The rules will continue to appear as they did before even after reloading

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

BACKLOG ID 23

Functionality Test Cases

TEST ID 23-1
Title: Application does not take up too much storage

Severity: 2

INSTRUCTIONS
Install the application on your computer

EXPECTED RESULT
The application should be able to be installed without being too burdensome (less than a few GB) on the drive

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 24

Functionality Test Cases

TEST ID 24-1
Title: Responsiveness

Severity: 3

INSTRUCTIONS
Navigate through the application by clicking any buttons in the UI

EXPECTED RESULT
The application should not take more than a few seconds to perform any operation

Equivalence Class Test Cases
None

Boundary Value Test Cases
None

BACKLOG ID 25

Functionality Test Cases

TEST ID 25-1
Title: Ease of Use

Severity: 3

INSTRUCTIONS

Number of clicks to get to different parts of the application should be no more than 5

EXPECTED RESULT

To get to each area of the app, you should have to click less than 5 times

Equivalence Class Test Cases

None

Boundary Value Test Cases

Move to every available view within the app, noting the number of clicks it takes to get to each

BACKLOG ID 26

Functionality Test Cases

TEST ID 26-1
Title: No redundancy

Severity: 3

INSTRUCTIONS

While using app, make sure you don't find any duplicated user interfaces

EXPECTED RESULT

Each view is only in the app one time in one place

Equivalence Class Test Cases

None

Boundary Value Test Cases

None

BACKLOG ID 28

Functionality Test Cases

TEST ID 28-1
    Title: Uses little space as possible
    Severity: 3
INSTRUCTIONS
    The app should not be a memory hog. As use of the application continues, check storage size for the app
EXPECTED RESULT
    App is reasonably small, not over 500MB

Equivalence Class Test Cases

None

Boundary Value Test Cases

None