



Team 11: Testing Document

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As a user, I would like to use my own Facebook or Google account to login to FlashStack.

A: Identifier: Test 1 Facebook Login (Unregistered Facebook account)

B: Steps:

- 1: Open app without logging in and navigate to login screen
- 2: Log in with an unregistered Facebook account

C: Expected Result:

- 1: User should be alerted that the account is an unregistered facebook account

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 2 Facebook Login (Bad credentials)

B: Steps:

- 1: Open app without login and navigate to login screen
- 2: Attempt to log in with an erroneous facebook password

C: Expected Result:

- 1: The app should not allow you to log in.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 3 Facebook Login (Successful Login)

B: Steps:

- 1: Open app without logging in and navigate to login screen

2: Log in with Facebook

C: Expected Result:

1: User will be logged in to the app and be able to access all major features

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 4 Google Login (Unregistered Google account)

B: Steps:

1: Open app without logging in and navigate to login screen

2: Log in with an unregistered Google account

C: Expected Result:

1: User should be alerted that the account is an unregistered google account

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 5 Google Login (Bad credentials)

B: Steps:

1: Open app without login and navigate to login screen

2: Attempt to log in with an erroneous Google password

C: Expected Result:

1: The app should not allow you to log in.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 6 Google Login (Successful login)

B: Steps:

1: Open app without logging in and navigate to login screen

2: Log in with Google account

C: Expected Result:

1: User will be logged in to the app and be able to access all major features

D: Severity [Critical/Important/Workaround]:

Rating: Critical

As a user, I would like to create my own account on FlashStack using my own email address.

A : Identifier: Test 7 Private email register

B: Steps:

1 : Open app without logging in and navigate to login screen.

2: Click on "No Account Yet? Create One"

3: Enter the information indicated by the instruction.

4: Click on the "SIGNUP" button

C: Expected result:

1. The app should indicate register success and direct you to the home page.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A : Identifier: Test 8 Private email register (different password in retype password)

B: Steps:

1 : Open app without logging in and navigate to login screen.

2: Click on "No Account Yet? Create One"

3: Enter the information indicated by the instruction.

4: Enter a different password in "Retype password"

5: Click on the "SIGNUP" button

C: Expected result:

1. The app should display the error message and not allowed user to register.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A : Identifier: Test 9 Private email register (duplicate email)

B: Steps:

1 : Open app without logging in and navigate to login screen.

2: Click on "No Account Yet? Create One"

3: Enter a email that is already in the database.

4: Enter the information indicated by the instruction.

5: Click on the "SIGNUP" button

C: Expected result:

1. The app should display the error message and not allowed user to register.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A : Identifier: Test 10 Private email register (No email)

B: Steps:

1 : Open app without logging in and navigate to login screen.

2: Click on "No Account Yet? Create One"

3: Do not enter a email.

4: Enter the rest of the information indicated by the instruction.

5: Click on the "SIGNUP" button

C: Expected result:

1. The app should display the error message and not allowed user to register.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A : Identifier: Test 11 Private email register (No password)

B: Steps:

- 1 : Open app without logging in and navigate to login screen.
- 2: Click on “No Account Yet? Create One”
- 3: Do not enter a password.
- 4: Enter the rest of the information indicated by the instruction.
- 5: Click on the “SIGNUP” button

C: Expected result:

1. The app should display the error message and not allowed user to register.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

As a user, I would like to use my own email address to login to FlashStack.

A: Identifier: Test 12 Email Login

B: Steps:

- 1: Enter email associated with an existing account.
- 2: Enter correct password.

C: Expected Result:

- 1: App should allow login.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 13 Email Login (Bad Password)

B: Steps:

- 1: Enter email associated with an existing account.
- 2: Enter incorrect password.

C: Expected Result:

- 1: App should not allow login.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 14 Email Login (Bad Email)

B: Steps:

- 1: Enter email associated with a non-existent account.
- 2: Enter a password.

C: Expected Result:

- 1: App should not allow login.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

As a user, I would like to reset my password. (Time permitting)

A: Identifier: Test 15 Password Change

B: Steps:

- 1: Log in and navigate to settings view
- 2: Click change password
- 3: Input necessary information
- 4: Submit form
- 5: Logout.
- 6: Log back in with new password

C: Expected Result:

- 1: No error will be displayed on form submission
- 2: User is able to log in with new password

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 16 Password Change (Bad Password)

B: Steps:

- 1: Log in and navigate to settings view
- 2: Click change password
- 3: Input erroneous password and rest of information
- 4: Submit form

C: Expected Result:

- 1: App should complain about the erroneous password
- 2: Password should not be changed.

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 17 Password Change (Old Password)

B: Steps:

- 1: Log in and navigate to settings view
- 2: Click change password
- 3: Input new password
- 4: Submit form
- 5: Log out
- 6: Attempt log back in with old password

C: Expected Result:

- 1: No error will be displayed on form submission
- 2: User should be unable to log back in with old password

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 18 Password Change (Non-matching passwords)

B: Steps:

- 1: Log in and navigate to settings view
- 2: Click change password
- 3: Input erroneous password and rest of information
- 4: Submit form

C: Expected Result:

- 1: App should complain about the erroneous password
- 2: Password should not be changed.

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to change my account name (which can be the same as other users)

A: Identifier: Test 19 Change Account Name

B: Steps:

- 1: Open the app and login with an account.
- 2: Click on the menu button.
- 3: Click on the red part on the pop up list.
- 4: Click on the pencil icon on the page.
- 5: Enter a new account name.
- 6: Enter password
- 6: Click "SAVE"

C: Expected Result: The app should indicate the operation is successful.

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

A: Identifier: Test 20 Change Account Name (Bad Password)

B: Steps:

- 1: Open the app and login with an account.
- 2: Click on the menu button.
- 3: Click on the red part on the pop up list.
- 4: Click on the pencil icon on the page.
- 5: Enter a new account name.
- 6: Enter bad password
- 6: Click "SAVE"

C: Expected Result: The app should indicate the operation was unsuccessful

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

A: Identifier: Test 21 Change Account Name (No Password)

B: Steps:

- 1: Open the app and login with an account.

- 2: Click on the menu button.
- 3: Click on the red part on the pop up list.
- 4: Click on the pencil icon on the page.
- 5: Enter a new account name.
- 6: Do not enter a password
- 6: Click "SAVE"

C: Expected Result: The app should indicate the operation was unsuccessful

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

As a user, I would like to create my own set of quizzes in the form of flashcards

A: Identifier: Test 22 Create Quizzes

B: Steps:

- 1: Open the app and login with an account.
- 2: Click the menu icon.
- 3: Click on the "Create Quizzes"
- 4: Enter the question text.
- 5: Enter four quiz answers.
- 6: Select the correct answer.
- 7: Click "Submit"

C: Expected Result: The quiz should appear under the topic you select.

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 23 Create Quizzes (Insufficient Answers)

B: Steps:

- 1: Open the app and login with an account.
- 2: Click the menu icon.
- 3: Click on the "Create Quizzes"
- 4: Enter the question text.
- 5: Enter three out of four quiz answers.
- 6: Select the correct answer.
- 7: Click "Submit"

C: Expected Result: The app should not allow you to submit the quiz.

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 24 Create Quizzes (Insufficient Question)

B: Steps:

- 1: Open the app and login with an account.
- 2: Click the menu icon.
- 3: Click on the "Create Quizzes"

4: Do not enter the question text.

5: Enter four quiz answers.

6: Select the correct answer.

7: Click "Submit"

C: Expected Result: The app should not allow you to submit the quiz.

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to send my own set of created quizzes to another user

A: Identifier: Test 25 Send Quizzes With Message

B: Steps:

1: Open the app and login with an account.

2: Click the menu icon.

3: Click on the "Manage Quizzes"

4: Select one of the quizzes.

5: Click on the share icon.

6: Select one of the friends.

7: Enter the message.

8: Click on the send icon.

C: Expected Result: The quiz should be sent to the user indicated with message

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 26 Send Quizzes Without Message

B: Steps:

1: Open the app and login with an account.

2: Click the menu icon.

3: Click on the "Manage Quizzes"

4: Select one of the quizzes.

5: Click on the share icon.

6: Select one of the friends.

7: Click on the send icon.

C: Expected Result: The quiz should be sent to the user indicated without message

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to play quizzes from other users and play quizzes provided by the application.

A: Identifier: Test 26 Play quizzes

B: Steps:

1: Open the app and login with an account.

- 2: Click the menu icon.
- 3: Click on the "Quizzes"
- 4: Select one of the quizzes.
- 5: Click on the Play icon.
- 6: Select an answer for each question and click the forward icon.
- 7: Keep doing this until finishing the quiz.

C: Expected Result: The quiz score screen should display after you finish the quiz and it will display the score according to your answer.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

A: Identifier: Test 27 Play quizzes (invalid quizzes)

B: Steps:

- 1: Open the app and login with an account.
- 2: Click the menu icon.
- 3: Click on the "Quizzes"
- 4: Select one of the quizzes with no answer in it.
- 5: Click on the Play icon.

C: Expected Result: An error message will appear indicating that there is no question in the quiz and not allow you to proceed.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

As a user, I would like to have a personal scorecard to compare how I did on the quizzes compared to other users.

A: Identifier: Test 28 Leaderboard (Friend)

B: Steps:

- 1: Open the app and login with an account.
- 2: Click the menu icon.
- 3: Click on the "Leaderboard"
- 4: Click on "FRIENDS"

C: Expected Result: It should display how well you do comparing to your friends, the order of user should display correctly according to their score.

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 29 Leaderboard (Public)

B: Steps:

- 1: Open the app and login with an account.
- 2: Click the menu icon.
- 3: Click on the "Leaderboard"
- 4: Click on "PUBLIC"

C: Expected Result: It should display how well you do comparing to the top performers, the order of user should display correctly according to their score.

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to be able to review the quizzes after finishing a session.

A: Identifier: Test 29 Review Quiz

B: Steps:

- 1: Open the app and login with an account.
- 2: Click the menu icon.
- 3: Click on the "History"
- 4: Click on the back icon

C: Expected Result: It should display the quizzes this user has taken, then take the user back to the topics selection page

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 30 Review Quiz

B: Steps:

- 1: Open the app and login with an account without any quizzes taken.
- 2: Click the menu icon.
- 3: Click on the "History"
- 4: Click on the back icon

C: Expected Result: It should display that no quizzes have been taken, or an empty page, then take the user back to the topics selection page

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to have a quiz list to track the questions I did wrong.(No instruction provided)

A: Identifier:Test 32 Quizzes

B: Steps:

- 1: Take a quiz as explained in use case "Play Quiz"
- 2: Answer some questions wrong.

C: Expected Result:

- 1: List of wrong quizzes is displayed.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

As a user, I would like to customise my own profile description.

A: Identifier: Test 33 Customize Profile

B: Steps:

- 1: Open the app and login with a valid account.
- 2: Select the "customize profile" tab in the app.
- 3: Change 1 or more fields.
- 4: Select "save profile" button

C: Expected Result:

- 1: Profile details should reflect what was added.

D: Severity [Critical/Important/Workaround]:

Rating: Critical

As a user, I would like to see how I perform on different quiz subjects.

A: Identifier: Test 34 Tracking Performance

B: Steps:

- 1: Open the app and login with a valid account.
- 2: Select a category for quizzes for which the user has completed a quiz

C: Expected Result:

- 1: Should see a view that shows proper statistics for the user in that category.

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 35 Tracking Performance

B: Steps:

- 1: Open the app and login with a valid account.
- 2: Select a category for quizzes for which the user hasn't completed a quiz.

C: Expected Result:

1: Should see a view that shows either 0 analytics or a screen that shows you have not completed any quizzes

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to have resources to study a quiz subject before I take the quiz.

A: Identifier: Test 36 Study Quizzes (Populated Quiz)

B: Steps:

- 1: Open the app and login with a valid account.
- 2: Select the study tab.
- 3: Select a quiz.

C: Expected Result:

- 1: The quiz questions should be displayed along with the answers for each question.

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 37 Study Quizzes (Empty Quiz)

B: Steps:

- 1: Open the app and login with a valid account.
- 2: Select the study tab.
- 3: Select an empty quiz.

C: Expected Result:

- 1: No questions or answers should be displayed as there are none.

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to be able to review the question I did wrong immediately after answering the question

A: Identifier: Test 38 Show Answers (Wrong Answer)

B: Steps:

- 1: Open the app and login with valid credentials
- 2: Start a new quiz.
- 3: Incorrectly answer one of the questions.
- 4: Click on the incorrect answer

C: Expected Result:

- 1: The correct answer to the question should be displayed

D: Severity [Critical/Important/Workaround]: Important

A: Identifier: Test 39 Show Answers (Correct Answer)

B: Steps:

- 1: Open the app and login with valid credentials
- 2: Start a new quiz.
- 3: Correctly answer one of the questions.
- 4: Click on the correct answer

C: Expected Result:

- 1: Nothing should happen.

D: Severity [Critical/Important/Workaround]: Important

As a user, I would like to use my own quizzes or quizzes from library to challenge my friend.

A: Identifier: Test 40 Challenge Other Users (Lower Score)

B: Steps:

- 1: Open the app and login to an account with valid credentials.
- 2: The account must have at least 1 friend. If it doesn't, add one.
- 3: Select a quiz and complete it.
- 4: Select option to send to another user.

- 5: Send to a second user account.
- 6: Login to that account.
- 7: Take the quiz on the other account, score a lower score than the last account.
- 8: Return to the first account.
- 9: Click on the notification that user 2 has completed the quiz.
- 10: Select "Compare results"

C: Expected Result:

- 1: Should display the results of both users as well as displaying user 1 as the winner.

D: Severity [Critical/Important/Workaround]: Workaround

A: Identifier: Test 41 Challenge Other Users (Higher Score)

B: Steps:

- 1: Open the app and login to an account with valid credentials.
- 2: The account must have at least 1 friend. If it doesn't, add one.
- 3: Select a quiz and complete it.
- 4: Select option to send to another user.
- 5: Send to a second user account.
- 6: Login to that account.
- 7: Take the quiz on the other account, score a higher score than the last account.
- 8: Return to the first account.
- 9: Click on the notification that user 2 has completed the quiz.
- 10: Select "Compare results"

C: Expected Result:

- 1: Should display the results of both users as well as displaying user 2 as the winner.

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

A: Identifier: Test 42 Challenge Other Users (Tie)

B: Steps:

- 1: Open the app and login to an account with valid credentials.
- 2: The account must have at least 1 friend. If it doesn't, add one.
- 3: Select a quiz and complete it.
- 4: Select option to send to another user.
- 5: Send to a second user account.
- 6: Login to that account.
- 7: Take the quiz on the other account, score the same score than the last account.
- 8: Return to the first account.
- 9: Click on the notification that user 2 has completed the quiz.
- 10: Select "Compare results"

C: Expected Result:

- 1: Should display the results of both users as well as displaying the result being a tie

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

As a user, I would like to check my friend's public profile

A: Identifier: Test 43 Profile Check 1

B: Steps:

- 1: Log in with account that has at least 1 friend
- 2: Navigate to friends tab of profile screen
- 3: Select a friend to view

C: Expected Result:

- 1: Friend's public profile will be displayed

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 44 Profile Check 2 (Friend removal)

B: Steps:

- 1: Log in with account that has at least 2 friends
- 2: Navigate to friends tab of profile screen
- 3: Remove a friend
- 4: Log out
- 5: Log back in
- 6: Navigate back to friends tab

C: Expected Result:

- 1: On first login, all friends will be displayed in list
- 2: Friend will disappear from list when removed
- 3: On second login, all friends will be displayed except friend previously removed

D: Severity [Critical/Important/Workaround]:

Rating: Important

As an administrator, I would like to create a new default topic and questions.

A: Identifier: Test 45 Default Topics

B: Steps:

- 1: Open the app and login with a valid administrator account.
- 2: Selects "create quiz".
- 3: Add a category tag to the quiz which does not match another category tag.
- 4: Select "publish"

C: Expected Result:

- 1: A new default topic should be created with the quiz inside.

D: Severity [Critical/Important/Workaround]:

Rating: Important.

A: Identifier: Test 46 Default Topics (Duplicate Quiz)

B: Steps:

- 1: Open the app and login with a valid administrator account.
- 2: Selects "create quiz".
- 3: Add a category tag to the quiz which matches another category tag.
- 4: Select "publish"

C: Expected Result:

- 1: No new topic should be created, the quiz should be under the category tag listed.

D: Severity [Critical/Important/Workaround]:

Rating: Important.

As an administrator, I would like to see more details about the leaderboard participants.

A: Identifier: Test 47 Leaderboard

B: Steps:

- 1: Open the app and login with a valid administrator account.
- 2: Click on the leaderboard tab.

C: Expected Result:

- 1: Should see user details in leaderboard.

D: Severity [Critical/Important/Workaround]:

Rating: Important

A: Identifier: Test 48 Leaderboard

B: Steps:

- 1: Open the app and login with a valid user account.
- 2: Click on the leaderboard tab.

C: Expected Result:

- 1: Shouldn't see user details within leaderboard.

D: Severity [Critical/Important/Workaround]:

Rating: Important

As a user, I would like to search and categorize flashcards based on difficulty.

A: Identifier: Test 49 Categorize Difficulty

B: Steps:

- 1: Create 5 quizzes with difficulty 1-5
- 2: View all 5 created quizzes

C: Expected Result:

- 1: The quizzes should all have the correct difficulty assigned during creation

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

As a user, I would like to filter flashcards based on subject.

A: Identifier: Test 50 Filter

B: Steps:

- 1: Create 3 quizzes in each category named with the first 3 letters of its category and then quiz number e.g. (SCI1, NAT1, HIST2)
- 2: Populate quizzes with varying question amounts (including 0 questions)
- 3: Once finished, filter by each category

C: Expected Result:

- 1: For each category, you should see the three quizzes created for each category

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

As an administrator, I would like to remove quizzes that are considered inappropriate.

A: Identifier: Test 51 Quiz Removal

B: Steps:

- 1: Login to a user account
- 2: Create a quiz with inappropriate name
- 3: Log out
- 4: Login to an admin account
- 5: Remove inappropriate quiz

C: Expected Result:

- 1: Quiz will be removed and not viewable from any user/admin account

D: Severity [Critical/Important/Workaround]:

Rating: Important

As an administrator, I would like to delete or ban users who are considered at risk to the platform.

A: Identifier: Test 52 Delete Account

B: Steps:

- 1: Log in as admin
- 2: Navigate to 'remove users' tab
- 3: Select an account to delete
- 4: Log out
- 5: Attempt to log in as previously deleted user

C: Expected Result:

- 1: Deleted account will disappear from users list
- 2: User will be unable to log in after account is deleted

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

A: Identifier: Test 53 Delete Account (Re-create account)

B: Steps:

- 1: Log in as admin
- 2: Navigate to 'remove users' tab
- 3: Select an account to delete
- 4: Log out
- 5: Attempt to create new account using same username and email as previously deleted user

C: Expected Result:

- 1: Account will disappear from users list
- 2: New account will be created successfully

D: Severity [Critical/Important/Workaround]:

Rating: Workaround

As an administrator, I would like to create new quizzes and add them into library.

A: Identifier: Test 54 Admin Quiz Creation

B: Steps:

- 1: Login as admin
- 2: Navigate to admin tab
- 3: Select 'generate quizzes'

C: Expected Result:

1: The app should allow quizzes as long as they meet the same requirements as a regular user, as defined in the regular user quiz creation tests

D: Severity [Critical/Important/Workaround]:

Rating: Important