

Detailed Test Plan

User Story: Log In

1. Test Case 1: Successful Login
 - Action: Enter valid username and password.
 - Verification: Should allow access to the page.
2. Test Case 2: Empty Fields
 - Action: Attempt login with empty username and password fields.
 - Verification: Should display an error message indicating that fields cannot be empty.
3. Test Case 3: Nonexistent User
 - Action: Enter a non-existing username.
 - Verification: Should display an error message indicating that the user does not exist.
4. Test Case 4: Invalid Credentials
 - Action: Enter an existing user with invalid credentials.
 - Verification: Should display an error message indicating that the credentials are not valid.

User Story: Password Recovery

1. Test Case 1: Entering Valid Email
 - Action: Enter a valid email.
 - Verification: Should allow the sending of a recovery email to the specified address.
2. Test Case 2: Nonexistent Email
 - Action: Enter an email not associated with any account.
 - Verification: Should display an error message indicating that the email is not associated with any account.

User Story: Header

1. Test Case 1: Hamburger Menu
 - Action: Verify the presence and functionality of the hamburger menu with the options "Manage Lists," "To Do Item," and "Folder."
 - Verification: Should correctly display the options.
2. Test Case 2: Home and Account Buttons
 - Action: Verify the presence and functionality of the "Home" and "Account" buttons with the options "Settings" and "Sign out."
 - Verification: Should function correctly when clicked.

User Story: Dashboard

1. Test Case 1: Access to "Manage To-Do List"
 - Action: Attempt to access "Manage To-Do List."
 - Verification: Should allow access successfully.
2. Test Case 2: Access to "Manage Folders"
 - Action: Attempt to access "Manage Folders."

- Verification: Should allow access successfully.
- 3. Test Case 3: Welcome Message
 - Action: Verify the presence of the login message and the text "Welcome to Ensolvers QA Challenge!".
 - Verification: Should be displayed correctly.

User Story: User Settings

1. Test Case 1: Modifying Information
 - Action: Enter and modify name, surname, and email.
 - Verification: Should allow modification successfully.
2. Test Case 2: Valid Email
 - Action: Enter a valid email.
 - Verification: Should accept the email correctly.
3. Test Case 3: Non-Empty Fields
 - Action: Attempt to save with empty fields.
 - Verification: Should display an error message indicating that fields cannot be empty.

User Story: Folders

1. Test Case 1: Existence of Buttons
 - Action: Verify the presence and functionality of the "Refresh List" and "Create new Folder" buttons.
 - Verification: Should function correctly when clicked.
2. Test Case 2: List of Folders
 - Action: Verify the presence of the folder list with ID, name, and actions.
 - Verification: Should be displayed correctly.
3. Test Case 3: Actions on Folders
 - Action: Attempt to perform "View," "Edit," and "Delete" actions on a folder.
 - Verification: Should function correctly.

User Story: View Folder

1. Test Case 1: Viewing Information
 - Action: Enter the view of a created folder.
 - Verification: Should display ID, Name, User, and "Back" and "Edit" buttons correctly.

User Story: Delete Folder

1. Test Case 1: Deletion Confirmation
 - Action: Attempt to delete a folder.
 - Verification: Should display a confirmation message, and "Cancel" and "Delete" buttons should function correctly.

User Story: Create or Edit Folder

1. Test Case 1: Viewing Information
 - Action: Enter the edit of a created folder.

- Verification: Should display ID, Name and allow editing the name. The "Back" and "Save" buttons should function correctly.

User Story: To Do Items

1. Test Case 1: Existence of Buttons
 - Action: Verify the presence and functionality of the "Refresh List" and "Create new To Do Item" buttons.
 - Verification: Should function correctly when clicked.
2. Test Case 2: List of To Do Items
 - Action: Verify the presence of the To Do Items list with ID, Title, Description, and folder number.
 - Verification: Should be displayed correctly and allow sorting by ID, Title, or Description.
3. Test Case 3: Actions on To Do Items
 - Action: Attempt to perform "View," "Edit," and "Delete" actions on a To Do Item.
 - Verification: Should function correctly.

User Story: View Item

1. Test Case 1: Viewing Information
 - Action: Enter the view of a created item.
 - Verification: Should display ID, Title, Description, User of the creator, associated Folder, and "Back" and "Edit" buttons correctly.

User Story: Delete Item

1. Test Case 1: Deletion Confirmation
 - Action: Attempt to delete an item.
 - Verification: Should display a confirmation message, and "Cancel" and "Delete" buttons should function correctly.

User Story: Create or Edit Item

1. Test Case 1: Viewing Information
 - Action: Enter the edit of a created item.
 - Verification: Should display ID, Title, Description, Folder, and allow editing the title and description. The "Back" and "Save" buttons should function correctly.