### User Authentication and Dashboard

#### Test Cases

##### 1. Login and Logout Functionality

* **Description**: Verify that the login and logout functionalities work correctly.
* **Steps for Login**:
  1. Access the login page.
  2. Enter a valid username (testuser) and password (password).
  3. Click the login button.
  4. Verify that the user is redirected to the dashboard.
  5. Ensure that the session has started correctly by checking for the presence of the username or some indicator of an active session.
* **Steps for Logout**:
  1. Click the logout button on the dashboard.
  2. Verify that the user is redirected to the login page.
  3. Ensure that the session has ended correctly by checking for the absence of active session elements.
* **Expected Result**: The user should be able to login and logout successfully, and be redirected to the corresponding pages.

##### 2. Display and Update User Data on Dashboard

* **Description**: Verify that user data is displayed and updated correctly on the dashboard.
* **Steps to Display User Data**:
  1. Access the dashboard after logging in.
  2. Verify that user data (such as name, email) is displayed correctly on the interface.
* **Steps to Update User Data**:
  1. Access the user settings or profile section on the dashboard.
  2. Modify one or more user data fields (e.g., change the name or email).
  3. Click the save or update button.
  4. Verify that the changes are reflected correctly on the dashboard interface.
* **Expected Result**: User data should be displayed and updated correctly on the dashboard.

##### 3. Ensure User Interface Responsiveness and Accessibility

* **Description**: Verify that the dashboard user interface is accessible and adapts correctly to different screen sizes.
* **Steps**:
  1. Access the dashboard on different screen sizes (e.g., mobile and desktop devices).
  2. Check that all interface elements are visible and functional on each screen size.
  3. Verify that the interface complies with accessibility standards, such as compatibility with screen readers.
* **Expected Result**: The user interface should be accessible and functional across different screen sizes and comply with accessibility standards.