**Test Cases**

1. Test Case: User Login Validation

* Steps:

1. Navigate to the application's login page.
2. Enter valid user credentials (correct username and password).
3. Click on the "Login" button

* Expected Result (Positive Scenario):

1. The system successfully authenticates the user with the provided credentials.
2. The user is redirected to the appropriate dashboard or homepage.
3. The login activity is recorded in the database.
4. The system detects the invalid credentials and displays an appropriate error message.
5. The user is not granted access, and the login attempt is not recorded in the database.

* Expected Result (Negative Scenario):
  1. The system is unable to validate the user (either potential buyer or seller).
  2. An error message tells the user that their credentials are invalid for the current user login type.
  3. The user is then shown a message to either try again, sign up as either a buyer or a seller, log in as another user type, or reset their password.
     1. The option to sign up will be hyperlinked with their respective sign up page link.

1. Test Case: Seller Lists Property

* Steps:

1. Log in as a seller.
2. Navigate to the "List Property" page.
3. Provide necessary details and list a property.

* Expected Result(PS): Property is successfully listed, and it appears in the property listings.
* Expected Result (NS):
  1. A notification shows an error message telling the user that the listing was not successfully uploaded and asks the user to try again.
  2. If the login is invalid, the user is asked to log in using valid “seller” credentials.

1. Test Case: Seller and Buyer interaction

* Steps:

1. Log in as a seller.
2. Navigate to the “Contact to buyer” section.
3. Review and accept an offer from a potential buyer.

* Expected Results (PS)

1. A notification pops up and notifies the user that the listing has successfully been listed.

* Expected Result (NS)

1. A notification with an error message appears and asks the user to try again.
   1. If the user is not already on the property listing page, they’re then redirected back to the list property page.
2. If the login is invalid, the user is asked to log in using valid “seller” credentials.
3. Test Case: Buyer Filters House Sizes

* Steps:

1. Log in as a potential buyer.
2. Go to the search page.
3. Apply a filter for house sizes.

* Expected Result(PS): Property listings are filtered based on the selected house size.
* Expected Result (NS):

1. A notification containing an error message appears and tells them to try again
   1. OR a page containing an error message appears and redirects them back to the search page.
2. If no listings match the current filters, the search page displays a message saying, “No listings found. Please try again.”
3. If the login is invalid, the user is asked to log in using valid “buyer” credentials.
4. Test Case: Buyer Identifies Trending Properties via Wishlist

* Steps:

1. Log in as a potential buyer.
2. Navigate to the "Wishlist" section.
3. Check for a feature indicating trending or popular properties.

* Expected Result(PS):

1. The buyer can identify which properties in their wishlist are currently trending or popular.
2. The trending indicator is accurate and reflects the current market trends.

* Expected Result (NS):
  1. If the login is invalid, the user is asked to log in using valid “buyer” credentials.
  2. A notification containing an error message appears and tells them to try again.
     1. OR a page containing an error message appears and redirects them back to the search page.

1. Test Case: Buyer Connect with Seller

* Steps:

1. Log in as a potential buyer.
2. Navigate to a property listing.
3. Message seller with an offer.

* Expected Result(PS): The offer is successfully submitted, and the seller is notified.
* Expected Result (NS):
  1. If log-in is invalid, display error message asking user to sign-in using their potential buyer credentials again or reset password.
  2. If Message is unable to send, notification pops up on user’s screen telling them the message was not delivered and asks them to try again.

1. Test Case: Viewer Views Listings Without an Account

* Steps:

1. Access the application as a viewer without logging in.
2. Explore new property listings.

* Expected Result (PS): Basic property information is visible even without an account.
* Expected Result (NS):
  + 1. If login is required for detailed property information, display a prompt asking the viewer to log in or sign up for an account.
    2. If the viewer attempts to interact with advanced features (e.g., saving properties, contacting sellers), show a notification suggesting account creation for enhanced functionality.

1. Test Case: Viewer Filters House Sizes Without an Account

* Steps:

1. Access the application as a viewer without logging in.
2. Apply a filter for house sizes.

* Expected Result (PS): Filtered property listings based on house sizes are displayed.

Bottom of Form

* Expected Result (NS):
  1. If login is required to apply filters, display an error message and prompt the viewer to log in or sign up.
  2. If no listings match the current filters, the search page displays a message saying, "No listings found. Please try again."