System Testing

- T1: test_login_success
  - This will test to see if the user can successfully log in with the correct credentials or not
    - Step1: Go to the login page of the website
    - Step2: login with this credential (user that exists in the database)
      - email: 1@gmail.com
      - password: 123456
    - if we can the username of the user logged in, it means they logged in successfully.

- T2: test_login_fail
  - This will test for when user entered invalid credentials during login process
    - Step1: Go to login page
    - Step2: login with this credential (user doesn't exist in the database)
      - email: wrongemail@gmail.com
      - password: wrong_pwd
    - Since we won't find any username of the user logged in, it means the login failed

- T3: test_register_success
  - This will test to see if the user can register successfully with the right password requirements and unique email
    - Step1: Go to register page
    - Step2: Fill in the register form
      - As long as the following conditions are met, they should be able to register successfully:
        - Email that doesn't already exist in the database
        - Password that follows the listed requirement
        - All fields are entered

- T4: test_register_fail
  - This will test to see if the user cannot register due to some input failures
    - Step1: Go to register page
    - Step2: Fill in the register form
    - Registration can fail due to the following reasons:
      - Email already existed in the database
      - Password requirements not met
      - Some fields are empty

- T5: test_logout
  - This will test to see if the user can logout when they are on the homepage (after they logged in)
    - Step1: The user must be logged in
    - Step2: Click on the logout button on the homepage
    - Step3: After clicking on the logout button, it should redirect them back to the login page
      - On the login page, there should be a text saying "Login to start browsing!"
        - If the selenium web driver can find that text, it means they user logged out successfully

- T6: test_upload_product

- This will test to see if the user can upload the product successfully
  - Step1: The user must be logged in
  - Step2: Click on the upload button on the homepage. An upload form will appear.
  - Step3: Fill in the form and make sure all the fields are filled
  - Step4: Click on submit button.
    - If there's an error or something is missing, user will get the message.
    - If everything is filled out correctly and no issues occur, the upload form will disappear and it will redirect the user back to the homepage

- T7: test_user_listing
  - This will test to see if the user can go to their product listing page (where they can see the products they have uploaded)
    - Step1: The user must be logged in
    - Step2: Click on the username on the navigation bar
    - After that, it should redirect the user to a page with the heading "MY LISTINGS"

- T8: test_view_contact
  - This will test to see if the user can view the seller's contact info for each product on the marketplace
  - Step1: The user must be logged in
  - Step2: Click on the "View contact info" button under the desired product
  - After that, the seller's contact info should appear under the selected product