UATs:

- Verify the correct/satisfactory functionality of the registration feature:
  - Acceptance criteria:
    - User cannot submit the form without both of the required fields:
      - Username
      - Password
    - User information is stored in the users table inside of the database.
      - Password is encrypted properly
    - Any wrong information imputed should be properly relayed to the user for them to try again.
  - Test cases:
    - User will enter the correct information in the correct format
      - Database should properly store the information
      - Website should redirect the user to the home page
    - User will enter only one of the pieces required (2x)
      - Proper message should be displayed
      - Database should not store the information
    - User will enter none of the required information
      - Proper message should be displayed
      - Database should not store the information
    - User will enter either a too long password or username (2x):
      - Proper message should be displayed
      - Database should not store the information
  - Test data:
    - Username
    - Password
  - Test environment:
    - Local host
    - Console logging of database queries/responses
  - Test Results:
    - Verification of proper results through examination of the console logs.
  - Testers:
    - End Users
- Verify the correct/satisfactory functionality of the login feature:
  - Acceptance criteria:
    - User cannot submit the form without both of the required fields:
      - Username
      - Password
    - Information from the form queries the database properly.
      - Password is decrypted properly
    - Any missing information imputed should be properly relayed to the user for them to try again.
  - Test cases:

- ■ User will enter the correct information in the correct format
  - ● Database should properly return the resulting information
  - ● User session should be validated
  - ● Website should redirect the user to the home page
- ■ User will enter only one of the pieces required (2x)
  - ● Proper message should be displayed
- ■ User will enter none of the required information
  - ● Proper message should be displayed
- ■ User will enter the wrong username and or password (3X):
  - ● Proper message should be displayed
  - ● User session should not be validated
- ○ Test data:
  - ■ Username
  - ■ Password
- ○ Test environment:
  - ■ Local host
  - ■ Console logging of database queries/responses
- ○ Test Results:
  - ■ Verification of proper results through examination of the console logs.
  - ■ User sessions should be either validated or invalid.
- ○ Testers:
  - ■ End Users
- ● Verify the correct/satisfactory functionality of the search feature:
  - ○ Acceptance criteria:
    - ■ A search without any input should yield no result:
      - ● No call to the API should be made
      - ● A message should be displayed to the user
    - ■ A proper search (with a valid expectation of results) should yield the proper results from the API.
    - ■ A proper search (with no expected results) should not yield anything from the API call.
      - ● A message should be displayed that informs the user of a lack of results.
    - ■ Proper user filtering of results should exhibit corresponding changes to the search results.
  - ○ Test cases:
    - ■ User will input nothing and press search
      - ● A message should appear informing the user that they should enter a query.
      - ● No results should display
    - ■ User enters a search that we know will display results from the API's database
      - ● Search results should appear that the user can click on and examine.

- - - User searches for something that we know is not within the API's database or the local database.
      - No results should appear
      - A message should appear alerting the user to the fact that there are no results for this search.
  - Test data:
    - Some potential search
  - Test environment:
    - Local host
    - Console logging of database queries/responses
  - Test Results:
    - Verification of proper results through examination of the console logs.
  - Testers:
    - End Users