

Three Functionalities for Testing:

1. Login only works for registered users
 - Criteria:
 - i. Login accepts valid credentials
 - ii. Login redirection
 - iii. Accounts are accessed by proper user
 - Cases:
 - i. Login fails when invalid credentials are entered and the form provides feedback when invalid credentials are entered
 1. Data:
 - a. Invalid login credentials
 - 2.
 - ii. When valid credentials are entered the user is logged in and redirected to their home page feed.
 1. Data:
 - a. Valid login credentials
 - iii. Personal pages can only be viewed by logged in users with matching credentials
 1. Data: URL link to personal home/feed page
 - Environment:
 - i. Mocha/Chai
 - Testers
 - i. User acceptance testers will include at least one other member of the group who did not work on the feature.
2. Registration correctly creates accounts for users
 - Criteria:
 - i. Signup will create an entry in the database
 - ii. Password will be hashed
 - iii. Checks will be made to make sure the username is unique
 - Cases:
 - i. Registration success
 1. Data
 - a. Unique username, any password
 2. Results
 - a. Database entry is created
 - b. User is logged in with new account
 - ii. Registration failure
 1. Data
 - a. Non-unique username, any password
 2. Results

- a. Database entry is not created
 - b. User is notified that their username is not unique
 - Environment
 - i. Mocha/Chai
 - Testers
 - i. User acceptance testers will include at least one other member of the group who did not work on the feature.

- 3. Posts load and all functionalities work
 - Criteria:
 - i. Posts appear on the home page
 - ii. The liking function works for each post
 - iii. ****STRETCH GOAL**** Commenting works
 - Cases:
 - i. All posts appear on the home page
 - 1. Data
 - a. Posts in database (either dummy data/user-generated)
 - b. Images fetched from web API
 - 2. Results
 - a. All posts should load in feed, from most recent to least recent, friends first, then related suggestions
 - ii. Liking
 - 1. Data
 - a. Posts in database
 - 2. Results
 - a. When liking a post, should have visual feedback, database should be updated, like count should be increased
 - b. When unliking a post, should have visual feedback, database should be updated, like count should be decreased
 - iii. **** STRETCH GOAL **** Commenting
 - 1. Data
 - a. Posts in database
 - 2. Results
 - a. When commenting on a post, database should be updated, comment should be accurate, should appear under post
 - Environment
 - i. Mocha/Chai
 - Testers

- i. User acceptance testers will include at least one other member of the group who did not work on the feature