

| ID | Category | Subcategory | Test | Preconditions | Input | Output | Postconditions |
|-------|--------------------|-------------------|------------------------------------|---|---|--|--|
| 1.1.1 | Registration | Invalid Email | Invalid Email | User has navigated to the registration page | username: invalid password: 12345678 confirm: 12345678 | An error message is displayed over the registration form | No new user account will be registered |
| 1.1.2 | Registration | Invalid Email | Already Extant | User has navigated to the registration page A user with the email valid@test.com has already been created | username: valid@test.com password: 12345678 confirm: 12345678 | An error message is displayed over the registration form | No new user account will be registered |
| 1.2.1 | Registration | Invalid Password | Worng Length | User has navigated to the registration page No user with the email "valid@test.com" has been registered | username: valid@test.com password: 1234567 confirm: 12345678 | An error message is displayed over the registration form | No new user account will be registered |
| 1.2.2 | Registration | Invalid Password | Mismatch with Confirm | User has navigated to the registration page No user with the email "valid@test.com" has been registered | username: valid@test.com password: 12345678 confirm: 12345679 | An error message is displayed over the registration form | No new user account will be registered |
| 1.3.1 | Registration | Valid Credentials | Valid Email, Password, and Confirm | User has navigated to the registration page No user with the email "valid@test.com" has been registered | username: valid@test.com password: 12345678 confirm: 12345678 | The newly registered user is redirected to the dashboard page | A new user account will be registered |
| 2.1.1 | Login | Invalid Email | Inextant Email | User has navigated to the website and is not logged in from a previous session A user with the email valid@test.com has been registered with the password 12345678 | username: valix@test.com password: 12345678 | An error message is displayed over the login form | No new session is begun |
| 2.2.1 | Login | Invalid Password | Extant Email | User has navigated to the website and is not logged in from a previous session A user with the email valid@test.com has been registered with the password 12345678 | username: valid@test.com password: 12345679 | An error message is displayed over the login form | No new session is begun |
| 2.3.1 | Login | Valid Credentials | Valid Email, Password | User has navigated to the website and is not logged in from a previous session A user with the email valid@test.com has been registered with the password 12345678 | username: valid@test.com password: 12345678 | The user is redirected to the dashboard page | A new session is begun |
| 3.1.1 | Dashboard | Navigation Bar | Dashboard Link | User is logged in and on the dashboard page | Click on the dashboard link | No output/effect | No change to the session will be made |
| 3.1.2 | Dashboard | Navigation Bar | Upload Photo | User is logged in and on the dashboard page | Click on the upload photo link | An upload photo modal will pop up | No change to the session will be made |
| 3.1.3 | Dashboard | Navigation Bar | Dark Mode Enable | User is logged in and on the dashboard page | Click on the dark mode link | The colors and feel of the dashboard page will darken | The user's preference for the dark theme will be registered |
| 3.1.4 | Dashboard | Navigation Bar | Dark Mode Disable | User is logged in and on the dashboard page Dark mode is enabled | Click on the dark mode link | The colors and feel of the dashboard page will lighten | The user's preference for the light theme will be registered |
| 3.1.5 | Dashboard | Navigation Bar | Logout link | User is logged in and on the dashboard page | Click on the logout link | The user is redirected to the login page | The current session is destroyed |
| 3.2.1 | Dashboard | Photo Feed | Scrolling | User is logged in and on the dashboard page Multiple (at least 3) photos have been posted | With the cursor hovering over the feed section of the dashboard, trigger the scroll action with mouse | The photo feed moves up and down, with different photos coming into view | No change to the session will be made |
| 3.2.2 | Dashboard | Photo Feed | User Profile Link | User is logged in and on the dashboard page At least one photo has been posted | Click on the username above a posted photo | The user is redirected to the poster's profile page | No change to the session will be made |
| 3.2.3 | Dashboard | Photo Feed | Like Button | User is logged in and on the dashboard page At least one photo that has not been liked has been posted | Click on the like button beneath a posted photo | The like button will become red, and the counter next to it will increment | The like count of the post will increase |
| 3.2.4 | Dashboard | Photo Feed | Like Button (already-liked post) | User is logged in and on the dashboard page At least one photo that has already been liked by the user has been posted | Click on the like button beneath a posted photo | No output/effect | No change to the session will be made |
| 3.2.5 | Dashboard | Comment | Comment Button | User is logged in and on the dashboard page At least one photo has been posted | Click on the comment button beneath a posted photo | A text field and submit button appear in the panel to the right of the post | No change to the session will be made |
| 4.1.1 | Upload Photo Modal | File Filter | Invalid File Type | User is logged in and has opened the upload photo modal | Click on the 'Choose File' button, and navigate to and select a file without one of the following extensions: .jpg, .jpeg, .gif, .png; press 'Post' | An error message will popup | No change to the session will be made |
| 4.1.2 | Upload Photo Modal | Post Photo | No Description | User is logged in and has opened the upload photo modal | Click on the 'Choose File' button, and navigate to and select a file with one of the following extensions: .jpg, .jpeg, .gif, .png; press 'Post' | A confirmation message will popup | The new post will be saved |
| 4.1.3 | Upload Photo Modal | Post Photo | Description | User is logged in and has opened the upload photo modal | Click on the 'Choose File' button, and navigate to and select a file with one of the following extensions: .jpg, .jpeg, .gif, .png; enter a description in the text field; press 'Post' | A confirmation message will popup The entered description will be displayed above the photo | The new post will be saved with the provided description |
| 5.1.1 | Comment Pannel | Post Comment | Arbitrary Text | User is logged in and on the dashboard page At least one photo has been posted and the user has clicked its comment button | Enter any string of text in the field in the panel to the right of the post; press 'Send' | The entered comment will be displayed above the text field | The comment will be saved |
| 6.1.1 | Profile Page | Navigation Bar | Dashboard Link | User is logged in and on the profile page of a user | Click on the dashboard link | The user is redirected to the dashboard page | No change to the session will be made |
| 6.1.2 | Profile Page | Navigation Bar | Logout link | User is logged in and on the profile page of a user | Click on the logout link | The user is redirected to the login page | The current session is destroyed |
| 6.2.1 | Profile Page | User Info | Follow | User is logged in and on the profile page of another user | Click on the follow button | The counter above the button is incremented, and the button now says 'Unfollow' | The user is registered as followig the other user |
| 6.2.2 | Profile Page | User Info | Unfollow | User is logged in and on the profile page of another user that they follow | Click on the unfollow button | The counter above the button is decremented, and the button now says "Follow" | The user is unregistered from following the other user |