**Testing the functionality of UI Buttons which involve transitions**

Rows highlighted yellow indicate test cases that have found issues present in the UI

Validation: Working properly (No error, as expected)

Verification:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case description | Test Method | Expected Result | Actual Result | Pass/Fail |
| Logging in without entering information | Pressing the Login button without entering user credentials | Error message appears | Error message appears | Pass |
| Logging in by simply entering information | Pressing the Login button after entering random credentials for both username and password | Error message appears | Error message appears | Pass |
| Logging in by entering the correct credentials | Pressing the Login button after entering the correct username and password | Login is successful. UI transitions to Home screen. | Login is successful. UI transitions to Home screen. | Pass |
| Exit button | Pressing the exit button wherever it is present | Program terminates itself  after exit button is pressed | Program terminates itself  after exit button is pressed | Pass |
| Logout button | Pressing the logout button | UI transitions back to the Login screen | UI transitions back to the Login screen | Pass |
| Starting the main algorithm with appropriate inputs | Pressing the start button after selecting at least one base/ensemble predictor and uploading one file | UI transitions to the feature selection screen | UI transitions to the feature selection screen | Pass |
| Starting the main algorithm without any inputs | Pressing the start button without selecting anything | Error message appears | UI transitions to the feature selection screen | Fail |
| Starting the main algorithm with appropriate inputs | Pressing the start button after selecting at least one base/ensemble predictor and uploading one file | UI transitions to the feature selection screen | UI transitions to the feature selection screen | Pass |
| Reports Tab | Pressing the reports tab button | UI transitions to the Reports Tab | UI transitions to the Reports Tab | Pass |
| Main Algorithm Tab | Pressing the Main Algorithm tab button | UI transitions to the Main Algorithm Tab | UI transitions to the Main Algorithm Tab | Pass |
| About Us Tab | Pressing the About Us tab button | UI transitions to the About Us Tab | UI transitions to the About Us Tab | Pass |