HAG - Test Log

# Integration testing

## Login Window

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| --- | --- | --- | --- | --- | --- | --- |
| **Test name** | **Description of test** | **Type of test/data** | **Data that will be used** | **Expected Outcome** | **Actual results** | **Comments** |
| Login button | Testing the login button with valid data from the database. | Valid data | Username: “JJ”  Password: “test” | This should redirect the user to the homepage | Pass |  |
| Login button | Testing if the login button will work with invalid data | Wrong data | Username: “WrongUser”  Password: “password” | The program should display a message box that will say “Invalid username or password” | Pass |  |
| Login button | Testing if the login button works with no data in the boxes. | Absent Data | Username:””  Password:”” | The program should display a message box that will say “Invalid username or password” | Pass | Suggestion to add is if the data is absent, the solution should be able display a message specific for it. |
| Login button | Inserting a valid username but invalid password | Wrong Data | Username:”JJ”  Password:”sds” | The program should display a message box that will say “Invalid username or password” | Pass |  |
| Login button | Inserting a valid password but wrong password | Wrong Data | Username:”sds”  Password:”test” | The program should display a message box that will say “Invalid username or password” | Pass |  |
| Login button | Inputting numbers | Invalid Data | Username:”123”  Password:”312” | The program should display a message box that will say “Invalid username or password” | Pass |  |
| Login button | Inputting special characters | Invalid Data | Username:”!%^”  Password:”\*$/” | The program should display a message box that will say “Invalid username or password” | Pass |  |
| Register Window | Clicking the register button | Unit test | Left click | Should redirect the user to the register window | pass |  |
| Register Window | Clicking the register button with right click | Unit test | Right click | Should not redirect the user to the register window | Pass |  |
| Register Window | Tab to the button and press enter key | Unit Test | Enter | Should redirect the user to the register window | Pass |  |
| Register Window | Tab to the button and press Space bar | Unit Test | Space | Should not redirect the user to the register window | Fail | The program was not expected to do that. No fix needed. |

## Registration Window

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| **Test name** | **Description of test** | **Type of test/data** | **Data that will be used** | **Expected Outcome** | **Actual results** | **Comments** |
| Register  Button | Entering Correct information into the text boxes. | Valid Data | Username: “John.doe”  First name: “john”  Last Name: “Doe” Email Address: “Johndoe@outlook.com” Password: “password” | This should display a message that alerts me that the user has successfully created an account and then be redirect to the login page. | Pass |  |
| Register  Button | Entering incorrect information | Wrong data | Username: “john” First name:”john.doe1”  Last name: “john” Email Address:” notanemail” Password:”123” | The program should break and send and error from all the invalid inputs. | Fail | The program should validate each and every variable to allow the correct information inserted. |
| Register  Button | Entering nothing | Absent data | Username: “” First name:””  Last name: “” Email Address: ”” Password:”” | The program should break and display an error that no information is inserted. | Fail | Implement absent validation on every variable. |
| Register  Button | Entering nothing | Absent data | Username: “” First name:””  Last name: “” Email Address: ”” Password:”” | The program should break and display an error that no information is inserted. | Pass | This is now fixed and works. |
| Register  Button |  |  |  |  |  |  |
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