## **EXERCISE - 6: Project Test Planning**

**Objective:** Perform various techniques for testing using the testing tool: unit testing, integration testing, Blackbox testing, Whitebox testing, etc.

**Tools/ Apparatus:** Selenium

**Procedure:**

1. Select a particular system (Web/Desktop/Mobile/Device)
2. Identify various modules of the system so that they can be tested stand alone.
3. Prepare test cases of testing the selected elements of your identified software.
4. Perform the test according to your generated test case and produce a bug report which will be helpful for the system developer to modify the system for improve system’s quality.

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| --- | --- | --- | --- | --- | --- |
| Project Name: | | | Test Designed by: | | |
| Test Case ID: FR\_1 | | | Test Designed date: | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: | | |
| Module Name: Login Session | | | Test Execution date: | | |
| Test Title: verify login with valid username and password | | | | | |
| Description: Test website login page | | | | | |
| Precondition (If any): User must have valid username and password | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website 2. Enter username 3. Enter password 4. Click submit | Username: 99999999999  Password: 321 | User should login into the application | | As expected, | Pass |
| Post Condition: User is validated with database and successfully login to account. The account session details are logged in the database. | | | | | |