**TEST PLAN**

Test planning, the most important activity to ensure that there is initially a list of tasks and milestones in a baseline plan to track the progress of the project. It also defines the size of the test effort.

It is the main document often called as master test plan or a project test plan and usually developed during the early phase of the project.

**TEST STRATEGY**

* 1. Unit Testing
* The individual modules such as functions in the program need to be tested.
* Verify that the output from modules matches the expected results.
  1. Integration Testing
* Individual modules are combined and are tested as groups.
* Verify that the modules work properly in groups.
  1. System Testing
* Testing conducted on a complete integrated system.
* Verify the system’s compliance with the specified requirements.
  1. Acceptance Testing
* Testing performed by the end user or the client.
* Verify/accept the tool before moving to the production environment step.
* Final phase of testing after the completion of functional, integration and system testing.

The test scenarios in this project is:

* Login

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **TEST DATA** | **EXPECTED OUTPUT** | **ACTUAL OUPUT** |
| 1 | Username: user  Password: pass  (correct username and password) | Login successful  Login must get the username & password and validate it. Then all options are to be displayed along with serial number | Correctly validated the given username & password. Then all options are displayed along with serial number |
| 2 | Username: wrong  Password: wrong  (wrong username and password) | Login unsuccessful | As Expected, |