## Format 4

Test Plan Document

**Instructions:**

1: Prepare at least 8-10 test cases for each **implemented use case** (functional requirements) as per the below given template which should include Unit, Integration and System Test cases.

2: Carry out manual testing for all the test cases and populate the columns Actual Result and Test Result.

**Template of a Test Case:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test  Case  ID | Name  of  Module | Test Case  Description | Preconditions | Test Steps | Test Data | Expected Results | Actual Result | Test Result |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

* **Test Case ID :** Each test case should be represented by a unique ID. To indicate test types, follow some convention like "UT\_01" indicating "Unit Testing - Test Case#1."
* **Name of the Module :** Specify the name of the **main module or sub module** being tested
* **Test Case Description :** Specify the summary or test purpose in brief
* **Pre- Conditions :** Any requirement that needs to be done before execution of this test case.
* **Test Steps** : Mention all the steps in detail and specify the order in which it is to be executed.
* **Test Data :** Input for the test case to be executed. Specify different data sets with precise values to be used as input. (create test case for both valid and invalid inputs)
* **Expected Results :** Mention the expected results including error or precise messages that should be displayed on screen
* **Actual Results :** After execution of test case fill this column with the result obtained
* **Test Result (Pass/Fail) :** Mark this field as “fail” if the actual result is not same as expected result else mark as “pass”.

**Sample Test Case:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test  Case  ID | Name of  Module | Test case  description | Preconditio ns | Test Steps | Test data | Expected Results | Actual Result | Test Result |
| UT-01 | User  registrati  on module | To test the login functionalit y | Access to  Chrome  Browser | 1: Navigate to [http://www.demo. com](http://www.demo.com/)  2: Enter Username and Password 3: Click Submit | User name:  PESU Student.  Password :  pes123 | Login should be successful with “welcome message” | Login successful with “welcome message” displayed | Pass |
|  |  |  |  |  |  |  |  |  |