**UE21CS341A - Software Engineering**

**Test Plan Documentation**

*PROJECT TITLE*

Team #: \_\_T\_\_\_\_\_

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Formatting Guidelines : Submit in pdf format

Naming convention : **TestDoc SRN1-SRN2-SRN3-SRN4** (Write SRNs in ascending order)

**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 | Pre-conditions | Test Steps | Test Data | Expected Results | Actual Results | Test Result |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
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* 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 submodule 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 | Pre-conditions | Test Steps | Test Data | Expected Results | Actual Results | Test Result |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| UT-01 | User registration module | To test the login functionality | Access to Chrome Browser | 1: Navigate to 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 |