# **Team details:**

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# 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** | **Pre-conditions** | **Test Steps** | **Test data** | **Expected Results** | **Actual Result** | **Test Result** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| UT-01 | User login module | To test the login functionality | relevant libraries installed user should be registered before hand | 1: Navigate to the typing test executive  2: Enter Username and Password  3: Click Submit | User name: pratham72.  Password : p123 | the login should be successful and it should navigate to test page | login successful and navigated to test page | PASSED |
| UT-02 | User login module | To test the login functionality | relevant libraries installed user should be registered before hand | 1: Navigate to the typing test executive  2: Enter Username and Password  3: Click Submit | User name: pratham72.  Password : p@123 | the login should be unsuccessful with a message showing the username or password is incorrect | login unsuccessful with a message saying username or password is incorrect | PASSED |
| UT-03 | User registration module | to test the registration functionality | relevant libraries installed | 1: Navigate to the typing test executive  3: click on new user registration  3: Enter Username and Password  3: Click Submit | User name: neeraj21.  Password : n123 | the registration should be successful with a message showing the same | registration successful | PASSED |
| UT-04 | User registration module | to test the registration functionality | relevant libraries installed | 1: Navigate to the typing test executive  3: click on new user registration  3: Enter Username and Password  3: Click Submit | User name: neeraj21.  Password : N456 | the registration should be unsuccessful with a message showing user id already exists | registration unsuccessful | PASSED |
| UT-05 | test-interface | to test the response time of test platform | user is logged in with his username and password | 1: Navigate to the typing test platform from user registration page  2: start typing the words mentioned on the screen | type:A tall tree  as displayed on the screen | the response time of the test interface should be less that 0.5 ms | the response time of test platform is less than 0.5ms | PASSED |
| UT-06 | test\_interface | to test stop time of test platform | user should login and start the test | 1: Navigate to the typing test platform from user registration page  2: start typing the words mentioned on the screen | type:A tall tree  as displayed on the screen | the stopping of the test should happen exactly 60 seconds after the commencement of test | the test interface stopped at 60 seconds | PASSED |
| UT-07 | test\_interface | to test accuracy of the typing speed measured by the software | user should have completed the test | 1: Navigate to the typing test platform from user registration page  2: start typing the words mentioned on the screen | - | the test interface should display the typing speed of the user after completing the test | the test interface provided the typing speed of the user | PASSED |
| UT-08 | report generation | to test the report generation page of the software | user should have completed the test | 1: Navigate to the performance graph page after completing the test | - | there should be graph shown with the performance of user over all the tests that he/she has taken | performance graph is displayed | PASSED |