
Test Cases Report For Vaccination App Group#9

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1. Introduction

Testing a code is a good way to get satisfaction of correctness of code. There are different tools available in the market to test programming language like java, C++ and many others and Junit is a most famous testing framework to test a java code in android studio. Through Junit we can test the activities and its functionality easily. It is a time saving and easy to use.

Junit provide the testing in android studio for java code and xml file with builtin classes. In android studio we can test the Activity using activity test Rule. Similarly we can test the Intent using Unit testing.

2. Activity Test Rule

In android studio we can used setup (), testLunch () and teardown () methods of java class named as “activityTestRule” to test the whole activity. Then we run the test suit by running its run with and suit methods. Thirdly we have used the methods of these three classes: assert class, test case and test result.

3. Input / outputs

Below are some test cases which we checked manually during coding and their results were exactly same as expected.

Test Scenario	Test Steps	test data	expected result	Actual Results	Pass/Fail
Sign up	1.Open the system 2.Click on Signup page 3.Enter your data	1.User information	Moving to Sign in page	Same	Pass
Sign in	1.Open the system 2.Click on Signup page 3.Enter your data	User information	Moved to Main page	Same	Pass
Forget password	Click on forget password	Enter new password	Moved to Sign in page	Same	Pass
Add parent	Click on add parent button	Show text field	A new parent should be added	Same	Pass
Add child	Click on add child button	Show text field	A new child should be added	Same	Pass
Add vaccine1	Click on add button	Show window to add vaccine1	added	Same	Pass
Add vaccine2	Click on add button	Show window to add vaccine2	added	Same	Pass
Search parent	Click on search parent button	Show window to search the parent	Found	Same	Pass
Search by district	Click on District button	Show window to search by district	Found	Same	Pass
Search by Tehsil	Click on Tehsil button	Show window to search by tehsil	Found	Same	Pass
Search by Union Counsel	Click on Union Counsel button	Show window to search by union counsel	Found	Same	Pass

Search by month	Click on month	Show window to search by month	Found	Same	Pass
Notification	Add child and it will automatically set the notification	Show Notification	Found	Same	Pass