

Chapter 5 : TESTING

5.1 Test Plan

INTRODUCTION

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project Beauty Stone App.

The plan identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

1. TEST STRATEGY

1.1 Scope of Testing

1.1.1 Feature need to be tested

These features are to be tested because they are included in the software requirement specs

- User Interfaces
- Hardware Interfaces
- Software Interfaces
- Database logical
- Communications Interfaces

1.2 Test Type

In the android application MyPolicy, there're 3 types of testing should be conducted.

- **Integration** Testing (Individual software modules are combined and tested as a group)
- **System** Testing: Conducted on a complete, integrated system to evaluate the system compliance with its specified requirements
- **API testing:** Test all the APIs create for the software under tested

The project should use outsource members as the tester to save the project cost

1.3. When will test occur?

The tester will start the test execution when all the following inputs are ready

- Software is available for testing
- Test Specification is created

2. TEST OBJECTIVE

The test objectives are to verify the Functionality of Application Beauty Stone, the project should focus on testing the operation such as Login, entering, and details of Customer. To guarantee all these operation can work normally in real environment.

5.2 FUNCTIONAL TEST CASES

Test Case ID	Test Scenario	Test Scope	Test Data	Expected Result	Actual Result
TC001	Check login with valid data	1.open app 2.Enter mail id 3.Enter Password 4.Click login	Email- dhabenishant@gmail.com Password-9096960273	Log into application	As Expected
TC002	Check login with invalid email	1.open app 2.Enter invalid email 3.Enter correct password 4.click login	Email- nishant@gmail.com Password-156008	Toast Error	As Expected
TC003	Check login with invalid Password	1.open app 2.Enter valid email 3.Enter invalid pas	Email- dhabenishant@gmail.com Password-9096960273	Toast Message	As Expected

TABLE 5.2.1 FUNCTIONAL TEST CASE FOR EACH MODULE

Test Case ID	Test Scenario	Test Scope	Test Data	Expected Result	Actual Result
TC004	Check link to new user registration	1.Open app 2.click on New User..?	Click on the text to fill information and completing registration	Registration activity should open	As Expected
TC005	Click on Buy now	1.Open app 2.Click on buy button	Click the buy now button to display customer details	Product activity should be open	As Expected
TC006	Click on Feedback	1.Submit Feedback	Click the Submit button to submit feedback	Message should be Display Sucessfully.	As Expected
TC007	In Customer Details If Enter Email in Textbox	1.Name should be properly inserted	Check the Datatype of Name	On Submit Button Sucessfully display Email	As Expected
TC008	In Customer Details If Enter Address in Textbox	1.Address should be properly inserted	Check the Datatype of Address	On Submit Button Sucessfully display Address	As Expected

TABLE 5.2.1 FUNCTIONAL TEST CASE FOR EACH MODULE

Test Case ID	Test Scenario	Test Scope	Test Data	Expected Result	Actual Result
TC009	In Customer Details If Enter Mobile in Textbox	1Mobile should be properly inserted	Check the Data type of Mobile	On Submit Button Successfully display Mobile	As Expected
TC010	In Customer Details If Enter Product	1.Product should be properly inserted	Check the Datatype of Product	On Submit Button Sucessfully display Product	As Expected

TABLE 5.2.1 FUNCTIONAL TEST CASE FOR EACH MODULE