**Mini Project 2**

**Test Plan Document**

1. Test plan identifier: "SDA\_functionalTest\_v.t01"

In this identifier, “SDA” represent the name of the snapdeal being tested,

“functionalTest” represent the type of the testing being performed, and

“v.to1” represent the version number of the test plan.

1. Introduction: Snapdeal is an Indian e-commerce company that was founded in 2010. The Snapdeal app is a mobile application that provides a platform for customers to buy and sell products online. The app offers a wide range of products including electronics, fashion, home appliances, and many more.

3.Reference:

* [www.Snapdeal.com](http://www.Snapdeal.com)
* Google play store.
* Apple store.
* Snapdeal- Wikipedia.

4.Test Item:

* Profile : It consist of all the options that will manage and store the information about your shopping etc, over the snapdeal app.
* My Cart: This field will show the products that you have added to the cart.

5. Feature to be tested:

* Edit link.
* My order.
* Snapcash.
* Snapdeal Credits.
* SD coupons.
* Change language.
* Account setting.
* Notification.
* Facebook link.
* LinkedIn link.
* YouTube Link.
* Instagram Link.
* Twitter Link.
* Start Shopping.
* Search Bar.
* Add to cart.
* Remove.
* Move to Shortlist.
* + Icon to add more quantity.
* - Icon to reduce the quantity.
* Continue Button.
* Full Name.
* Phone Number.
* Pin code.
* Get address Button.
* City.
* State.
* Address.
* Cancel Button.
* Save and continue.
* Change link.
* Quantity Dropdown.
* Price Summary.
* Select Payment Option Button.
* Select Payment Method.
* Pay Button.

6. Feature not to be tested :

* Help Centre.
* Impact@ Snapdeal.
* Legal Policies.

7. Test Approach:

1. Types of Testing: Manual Testing.
2. Method of testing: Black Box Testing.

8. Test Environment: specify the properties of the environment.

For eg:-

Hardware: RAM= 8gb.

Processor=Qualcomm snapdragon 870 octa-core

Battery= 4500mAh (TYP)

O. S= Android.OxygenOS contributors.

Software: Snapdeal Application.

9. Item Pass Fail Criteria (Exit Criteria):

* All the test case should be executed (i.e., 100% test converage)
* 90% test case should be pass and 10 % test case may be failed with low security and low priority.
* Required quality of product(software) should be allowed.
* All the test deliverables should be updated and complete.

10. Suspend and Resume Criteria:

Suspend criteria:

* Show stopper defect found (blocker defect)
* No electricity, low battery.
* Network Crashed.

Resume criteria:

* Show stopper defect resolved.
* Electricity issue resolved.
* System is repaired and started working network is available.

11. Schedule:

|  |  |  |  |
| --- | --- | --- | --- |
| Sr.no: | Task/Activity | Day (Hrs) | Date range |
| 1. | Test plan writing |  | 21/03/2023 |
| 2. | Test scenario writing |  | 21/03/2023 |
| 3. | Test case writing |  | 21/03/2023 |
| 4. | Test case execution |  | 21/03/2023 |

12. Staf and Training Needs:

* Anurag Mishra – Tester
* Nikhil – Tester
* Pooja- Tester
* Training On Manual Testing.

13. Role and Responsibility:

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of Person | Designation | Task/activity |
| 1. | Anurag Mishra | Tester | * Test Scenario * Test Cases |
| 2. | Nikhil | Tester | * Test Cases |
| 3. | Pooja | Tester | * Test Plan |

14. Risk and Contingencies: (Project risk)

* System Crashed.
* Electricity issue/battery low/power failure.
* Tester Left the company.
* Network Connection is not available.
* Delay in receiving build.
* Delay in training.
* Less time allocated for testing.

15. Contingencies: (Solution/Back up for each project related risks)

* Provides leadership training to the respective manager.
* Reschedule the testing activity/monitoring the daily testing activity.
* Call the system administration for network system related issue.
* Hire a new tester for the project.

16. Test Deliverables:

* Test Plan.
* Test Scenario.
* Test Cases.
* Defect Reporting.

17. Approval:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.no. | Name | Designation | Date | Sign | Remark |
| 1. | Vandana Narayan | Trainer |  |  |  |