



Test Plan Of Retail Website

Team Members:

1. Maraju Soumya
2. Akanksha S
3. Pavan KumarBitragunta
4. Arkadip Majumdar
5. Akshith Janagani
6. Shaik Nusrath Akhil
7. Arshiya Sultana A

Test Plan Of Retail Website

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Description

The Software we are performing Manual testing on an [E-commerce](#) website which is connecting retailers to the end customers.

This test approach explains the detailed scenario of the strategies,scope,types of testing along with Roles and Responsibilities of each and every tester who is taking part of this entire testing project.

We are also testing the different functionality of the administrator [website](#).

Objective

We will be testing all the possible scenarios according to the general behaviour of similar products available online and will write down all the possible defects .

The main objective is to reduce the no.of defects,bugs and evaluate the website functionality to Maximum extent.

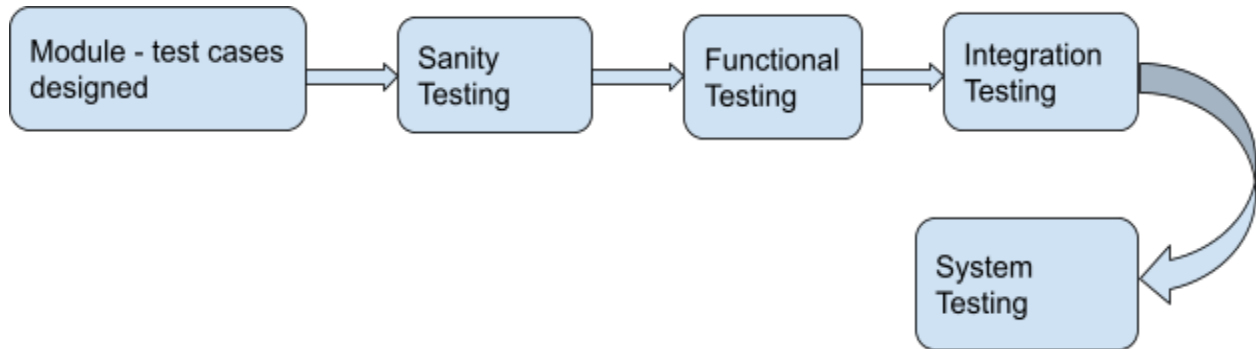
Test Scope

In our application we have following modules:

1. Admin Marketing and Reports Marketing
2. Admin : catalogue options
3. Admin Sales
4. Admin : Dashboard ,header and footer
5. Admin Customers and Reports Customer
6. User : Header footer and end to end payment pages/elements
7. Admin Reports – Sales and Products

Types Of Testing

We are executing test cases manually and observing the defects and we are following below mentioned procedure for every module:



Sanity Testing

Sanity testing is a subset of regression testing. After receiving the software build, sanity testing is performed to ensure that the changes introduced are working as expected. This testing is a checkpoint to determine if testing for the build can proceed or not.

Functional Testing

Functional testing is a type of software testing that validates the software system against the functional requirements/specifications. The purpose of Functional tests is to test each function of the software application, by providing appropriate input, verifying the output against the Functional requirements.

Functional testing mainly involves black box testing and it is not concerned about the source code of the application. This testing checks User Interface, APIs(**Application Programming Interface**), Database, Security, Client/Server communication and other functionality of the Application Under Test. The testing can be done either manually or using automation.

Integration Testing

In this testing, units or individual components of the software are tested in a group. The focus of the integration testing level is to expose defects at the time of interaction between integrated components or units.

System Testing

It is a type of software testing that is performed on a complete integrated system to evaluate the compliance of the system with the corresponding requirements.

Roles and Responsibilities :

NAME	ACTION ITEMS
Maroju.Soumya	Admin Marketing and Reports Marketing
Pavan Kumar Bitragunta	Admin : 1 st five catalog options
Arkadip Majumdar	Admin Sales
Akshith Janagani	Admin : last five catalog options ,Dashboard ,header and footer
Shaik Nusrath Akhil	Admin Customers and Reports Customer
Akanksha S	User : Header footer and end to end payment pages/elements
Arshiya Sultana A	Admin Reports – Sales and Products

The Roles and Responsibility of every individual is to come up with Various Test Scenario for both the Admin page as well as the User Page by checking the functionality of all the sections Present and making note of the defect which we come across which may help in improving the overall Performance of the application.

Hardware and Software Requirement

Hardware : using personal PC

Software :

1. Google spreadsheet for writing test cases , test scenario
2. Google Doc for writing Test plan
3. Jira for defect tracking
4. Git for Documents repository

Defect Tracking

Defect Tracking: For reporting defects we are maintaining it in the test sheet, and included following things in our test sheet.

1. Defect ID: Here we include the Id of the defect.
2. Defect Title: It includes titles given for the respective defects.
3. Defect Description: Here we write about the defect and describe it clearly.
4. Steps to Reproduce defect: It includes steps involved in reproducing the defect, written for developers to work on.
5. Priority: We give the priority to the defects.
6. Reporter name: Name of the team member who found and reported the defects.
7. Defect logged time: Time when the defect is logged.

Template

Below is the template for the test report.

A	B	C	D	E	F	G	H	I	J
Test Cases Creator		Created On:		Cycle:					
Test Cases Executor		Executed On:							
Test Module	Test Scenario	Pre Conditions	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/Fail/In Progress)	Bug Details (defect ID)	
Module1_01								https://docs.google.com/spreadsheets/d/16S9	
Module1_02									
Module1_03									
Module1_04									
Module1_05									
Module1_06									
Module1_07									
Module1_08									
Module1_09									
Module1_10									

Above template includes:

1. Test Module
2. Test Scenario
3. Pre Conditions
4. Test Steps
5. Test Data
6. Expected Result
7. Actual Result
8. Status
9. Bug details

Below is the template for the defect report.

A	B	C	D	E	F	G	H
Module ID	Defect Id	Defect Title	Defect Description	Steps to reproduce defect	Priority	Reporter Name	Defect logged time

Above template include :

1. Module Id
2. Defect Id
3. Defect Title
4. Defect Description
5. Steps to reproduce defect
6. Priority
7. Reporter name
8. Defect logged time

Schedule

ACTION ITEMS	TIMELINE
Test Plan	
Designing Test Cases	
Executing Test Cases	
Logging defects	
Project Submission	

Deliverables

Document list

1. **Test Plan** - Test plan of Retail Website
 2. **Test Scenario** - included in [Test-cases](#) sheet
 3. **Test Cases** - included in [Test cases](#) sheet
 4. **Test Data** - included in [Test cases](#) sheet
 5. **Test Execution & Results** - Test cases are executed and results are saved
 6. **Defect Report** - Description of defects.
 7. **Test Report** - Performance of our testing process
- All the deliverable are available in git repo : <link>