Test Plan Template

**Project Name: “BigSmall Online Gift Store”**

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13. **INTRODUCTION**

The project now we are dealing is an online gift purchase store “BIGSMALL STORE”. In this test plan we are giving a brief about the objectives going to be covered, features to be tested, Test strategy to be used and the requirements also given on here including tools used and environment / workspace we worked.

**2.0 OBJECTIVES AND TASKS**

* **2.1 Objectives**

First of all, we will run through the main functionality of the site and they are

* Home page.
* Sign in page.
* Product selection.
* Cart & wish list.
* Check out.
* Newsletter subscription.
* **2.2 Tasks**

The following are the tasks that we are going to face during the execution are mentioned below.

* Identifying the user requirements.
* Designing test cases and test scenarios.
* Writing automated tests.
* Generating reports.
* Achieving continuous integration.
* Bugs identification and rectification.
* Conclusion based on exit criteria.

**3.0 SCOPE**

Based on the functionalities defined by the user the In scope and Out of scope are mentioned below.

* **3.1 In Scope**

Functional Testing for the following modules is in Scope of Testing.

* Sign-Up
* Purchasing
* Payment
* **3.2 Out of Scope**

Performance Testing was not done for this application.

**4.0 TESTING STRATEGY**

Since “BIGSMALL STORE” is an online web application, the test strategy may include the following testings.

* **4.1 Unit Testing**

**Definition:**

Under unit testing, we divided the features/requirements as homogeneous blocks based on their functionality and will be tested as blocks/units.

**Methodology:**

Using a framework maybe automated/manual the unit testing will be conducted under the acceptance criteria.

* **4.2 System and Integration Testing**

**Definition:**

Under system and integration testing we are about to test all the components at a parallel sequence based on the business requirements

**Methodology:**

Using a framework maybe automated/manual the **System and Integration Testing** will be conducted under the acceptance criteria.

* **4.3 Performance and Stress Testing**

**Definition:**

Under **Performance and Stress Testing** we are about to test the performance of the application by conducting some load tests.

**Methodology:**

Using a framework maybe automated/manual the **Performance and Stress Testing** will be done by performing the number of tests with a defined test data of user rows.

**5.0 HARDWARE REQUIREMENTS**

The following are the hardware requirements that are needed in order to perform the tests.

* System with windows 10 home.
* Stable network connection.

**6.0 ENVIRONMENT REQUIREMENTS**

The environment/workspace needed for performing the test may include the following software’s or plugins.

* Eclipse IDE.
* Bug reporting tool.
* JIRA management tool.
* Notepad ++.
* MS Word & MS Excel.
* GitHub.

**7.0 TEST SCHEDULE**

As per the requirements the automation tests are supposed to be done on or before 22-11-2021.

**8.0 CONTROL PROCEDURES**

**Problem Reporting**

While performing the testing, if encounter any problem/issue/bug follow the procedure as mentioned below.

* Path to the issue.
* Information related to the issue.
* Criticalness of the issue.
* Attach supporting documents (Screenshot).

**9.0 FEATURES TO BE TESTED**

The following features will be tested during the execution.

* Home page.
* Sign in page.
* Product selection.
* Cart & wish list.
* Check out.
* Newsletter subscription.

**10.0 FEATURES NOT TO BE TESTED**

The following features will not be tested because some are needed permission from external systems and non-functional requirements are not tested.

* Connectivity with Google.
* Connectivity with Facebook.
* Performance testing.

**11.0 DEPENDENCIES & TOOLS**

The Dependencies & Tools needed for performing the test may include the following.

* Eclipse IDE.
* Bug reporting tool.
* JIRA management tool.
* Notepad ++.
* MS Word & MS Excel.
* GitHub.
* **12.0 RISKS/ASSUMPTIONS /APPROVALS**

While during the execution of the test plan we may conquer the following risks.

* System reliability issues.
* Transaction integration.
* Security breach.

Not at all based on the risks we assumed there are some assumptions which may related to Environment capability, Resource usability which may need some approvals.

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