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**Test Plan**

**Project name - BigBasket Web Application**

**Prepared By: Kanishk Chaddha**

**Date: June 11th, 2024**

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**Overview**

As part of the project, “BigBasket” has asked Masai to test a few functionalities of ‘<https://66405eedbcb7ce8c1a800ea6--timely-froyo-5c39a1.netlify.app/>’web application.

This document serves as a high level test planning document with details on the scope of the project, test strategy, test schedule and resource requirements, test deliverables and schedule.

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**Scope**

The scope of the project includes testing the following features of ‘<https://66405eedbcb7ce8c1a800ea6--timely-froyo-5c39a1.netlify.app/>’ web application

**Inclusions**

* Sign up/login functionality
* Logout functionality
* Search functionality
* Home Page
* Filter feature
* Product Display Page
* Add to basket Feature
* Shop by Category Feature
* Select location feature
* Smart basket feature
* % offers feature
* About us page
* Contact us Page
* Compatibility check
* Performance check

## From our perspective, we think the above functional areas need to be Tested.

**Test Environments**

* Operating Systems - Ubuntu 22.04.4 LTS
* Browsers - Chrome, Yahoo
* Devices - Laptop, Android mobile

## **Exclusions**

* All the features except that are mentioned under ‘Inclusions’.

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**Roles/Responsibilities**

| **Name** | **Role** | **Responsibilities** |
| --- | --- | --- |
| Shiva Kumar | Test Manager | * Escalations |
| Kanishk Chaddha | Test Engineer | * Understand customer requirement * Creating test plan * Write Test scenarios & Test cases * Execute the Test cases. * Report defects * Creating summary reports * Submit daily issue updates * Automation of test cases |

**Test Schedule**

## Following is the test schedule planned for the project:

| **Task** | **Time Duration** |
| --- | --- |
| * Creating Test Plan | June 11th, 2024 to June 12th, 2024 |
| * Test case Creation | June 12th, 2024 to June 13th, 2024 |
| * Test case Execution | June 12th, 2024 to June 13th, 2024 |
| * Summary Report Submission | June 12th, 2024 to June 14th, 2024 |
| * Automation of test cases | June 14th, 2024 to June 15th, 2024 |

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**Test Deliverables**

The following are to be delivered to the client:

| **Deliverables** | **Description** | **Responsible Owner** | **Target Completion Date** |
| --- | --- | --- | --- |
| Test Plan | Details on the scope of the Project, test schedule, resource requirements, test deliverables and schedule | Kanishk Chaddha | June 11th, 2024 |
| Functional Test Cases | Test Cases created for the scope defined | Kanishk Chaddha | June 13th, 2024 |
| GUI Test Cases | Test cases created for the scope defined | Kanishk Chaddha | June 13th, 2024 |
| Defect Reports | Detailed description of the defects identified along with screenshots and steps to reproduce on a daily basis. | Kanishk Chaddha | June 14th, 2024 |
| Summary Reports | Summary Reports –  Bug by Bug#,  Bugs by Functional Area and Bugs by Priority | Kanishk Chaddha | June 14th, 2024 |
| Automation of test cases | Automation of all the test cases which are in the scope | Kanishk Chaddha | June 15th, 2024 |

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**Entry and Exit Criteria**

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

Requirement Analysis

**Entry Criteria:**

* Once the test engineer receives the Requirements Documents or project details about the Project which serves as the foundation for the testing process, providing the test engineer with insights into what needs to be tested and how the software should behave.

**Exit Criteria:**

* The test engineer should thoroughly explore and understand each requirement listed in the documents or project details.
* Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the test engineer has a clear understanding of what needs to be tested and how it should behave.

**Test Planning**

**Entry Criteria:**

* Testable Requirements derived from the given Requirements Documents or Project details
* Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the test engineer has a clear understanding of what needs to be tested and how it should behave.

**Exit Criteria:**

* Test Plan document which includes the Test Strategy, which provides a high-level overview of how testing will be conducted. is signed-off by the Client (BigBasket)

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**Test Designing**

**Entry Criteria:**

* The Test Plan document needs to be reviewed and approved by the client and then Test Plan Document is signed-off by the Client

**Exit Criteria:**

* Test Scenarios and Test Cases Documents are prepared, they need to be reviewed and signed-off by the Client

**Test Execution**

**Entry Criteria:**

* Test Scenarios and Test Cases document needs to be reviewed and approved by the client and Documents are signed-off by the Client
* Application is ready for Testing

**Exit Criteria:**

* Test Case Reports, Defect Reports are ready

**Test Closure**

**Entry Criteria:**

* Test Case Reports, Defect Reports are ready

**Exit Criteria:**

* Test Summary Reports, it overviews of the entire testing process

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**Tools**

The following are the list of Tools I will be using in this Project:

* Google sheets
* Cypress automation tool
* Google documents
* VS code

| **Risk** | **Mitigation** |
| --- | --- |
| Non-Availability of Resources | Backup Resource Planning |
| Uncomplete information about the project | Discuss the project details with program manager |
| Less time for Testing | Masai will ramp up the resources based on the Client needs dynamically |
| Lack of coordination between developers and testers | Using own experience to do the work efficiently |

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**Approvals**

Masai will send different types of documents for Client Approval like below:

* Test Plan
* Test Scenarios
* Test Cases
* Bug Report
* Summary Report

Testing will only continue to the next steps once these approvals are done