| **TEST PLAN** **Project Name: BharatGo** |
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| **Introduction** |
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* This document outlines the testing strategy, scope, schedule, and deliverables for the BharatGo assignment, focusing on validating the "New Store" creation functionality and Dashboard functionality. The testing ensures robust functional and usability checks for all use cases.

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| **Objectives** |
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**The objectives of the test plan are:**

1. **To validate the process of creating a new store.**
2. **To validate the dashboard functionality.**
3. **To identify bugs and report them effectively.**
4. **To ensure the functionalities are aligned with user requirements and business goals.**

| **Scope** |
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| **Scope Type** | **Details** |
| --- | --- |
| In scope | 1. Functional testing for creating a new store. 2. Usability testing of the dashboard. 3. Verification of error-handling mechanisms. 4. Cross-browser compatibility testing. |
| **Out-of-Scope** | 1.Performance testing under high load.  2.Security testing. |

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| **Testable features:** |
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| **Feature** | **Description** |
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|  |  |
| **New Store Creation:** | **>Entering valid store details and submitting successfully.**  **>Verifying mandatory field validations.**  **>Identifying and reporting bugs.** |
| **Dashboard Functionality:** | **Validating product entry fields like category, image, brand, price, and attributes.** |

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| **Testing Approach** |
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**Testing Types:**

* **Functional Testing**
* **Usability Testing**
* **Regression Testing**

#### **Testing Methodologies:**

* **Black-box Testing**
* **Exploratory Testing**
* **User Acceptance Testing (UAT)**

#### **Testing Environment:**

* **System: Windows 11**
* **Browser: Chrome/Firefox**
* **Network: Stable internet connection**

| **Roles/Responsibilities** |
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| **Name** | **Role** | **Responsibilities** |
| --- | --- | --- |
| Rajit Kumar | Test Engineer | 1. Write the test plan 2. Test Scenarios,test cases,and execute. |

| **Test Schedule** |
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| **Task** | **Duration** | **Time Durations** |
| --- | --- | --- |
| Test Plan creation | 2 hour | 28/01/2025 |
| Test Scenario Preparation | 1 hour | 28/01/2025 |
| Test Cases Creation | 2 hour | 28/01/2025 |
| Test Execution | 2 hour | 28/01/2025 |
| Summary Report Submission | 1 hour | 28/01/2025 |
| Bug report | 1hour | 28/01/2025 |

| **Entry and Exit Criteria** |
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The below are the entry and exit criteria for every phase of Software Testing Life Cycle.

**Requirement Analysis**

**>> Entry Criteria:**

Once the testing team receives the Requirements document and use documents of the project

Includes what functions need to be tested and how the software should behave.

**>> Exit Criteria:**

The testing team should thoroughly explore and understand each requirement listed in the

documents. Any doubt or uncertainties regarding the requirements should be address and clarified

To ensure that the testing team has a clear understanding of what needs to be tested and how it

Should behave.

**Test Planning:**

**>> Entry Criteria:**

**i.** Requirements and feature documents are received.

**ii**. Development environment is stable and ready.

**>> Exit Criteria:**

I. Test Plan is signed-off by the Client ( )

**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:**

**.**  All test cases are executed.

**.** Bug reports and test summary reports are delivered.

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**Test Execution**

**>> Entry Criteria:**

Test Scenario and Test Cases document need to be reviewed and approved by the client and documents are signed-

Off by the Client-Application is ready for further Testing.

**>> Exit Criteria:**

Test case Reports,Defect Reports are ready

**Test Closure :**

**>> Entry Criteria:**

Test case Report , Defect Reports are ready

**>> Exit Criteria:**

Test Summary Reports, it overviews of the entire testing process

| **Tools** |
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The following are the list of tools we will be using in this project

**Browser Testing:** Chrome, Firefox.

**Documentation:** Google Sheets/Docs.

| **Risks and Mitigation plans** |
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The following are the list of risks possible and the ways to mitigate them.

| **Risk** | **Mitigation plans** |
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| Lack of detailed requirements | Backup Resource planning |
| | Shortage of resources | | --- |  |  | | --- | | Subject matter experts available for deep understanding of functionalities |

| **Approvals** |
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Testing will proceed upon approval of:

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