TEST PLAN  
 Project Name: Zepto Web Application

**Table of Contents**

Introduction………………………………………………………………………… .2 objective……………………………………………………………………………...2 Scope……………………………………………………………………..…………..2

Testable features…………………………………………………………….………..2

Testing approach……………………………………………………………………..3

Roles/Responsibilities………………………………………………………………..4

Test Schedule ………………………………………………………………………..5

Test Deliverables ……………………………………………………………………6

Entry & Exit Criteria ………………………………………………………………..7

Tools ………………………………………………………………………………...8

Risks and Mitigation plans…………………………………………………………..8

Approvals …………………………………………………………………………...8

**Introduction**

The aim of the document is to give an overview of the testing approach, strategies, and scope for the Zepto online food delivery app. This document includes details like the scope of the project, objectives, test schedule and resource allocations, test deliverables, and reports.

AUT: [Zepto clone (zepto-masai.netlify.app)](https://zepto-masai.netlify.app/)

**Objectives**

* Validate the functionality, usability, and performance of the Zepto app.
* Ensure that the app meets the specified requirements and user expectations.
* Identify and mitigate potential risks to ensure a smooth user experience.

**Scope**

This test plan covers only functional testing, performance testing, and compatibility testing of the Zepto online food delivery application across different web browsers

**Testing Features**

* User Registration
* Password
* Login
* Search
* Categories
* Menu Display
* Fruits and Vegetables
* Masala and Dry Fruits
* Sweet Cravings
* Atta, Rice, Oil, and Dals
* Frozen Food and Ice creams
* Home Needs
* Biscuits and Cookies
* Pet Care
* Baby Care
* Paan Corner
* Dairy, Bread and Eggs
* Packaged Food
* Add to Cart
* Wishlist
* Order Placement
* Order tracking
* Reviews and Ratings
* Customer Support

**Testing Approach**

**Testing Types**

* Functional Testing
* Performance Testing
* Compatibility Testing

**Testing Methodologies**

* Black box Testing
* White box Testing
* Regression Testing
* User Acceptance Testing

**Testing Environment**

* UAT
* Pre-Prod

**Operating System**

* Windows 11 and above
* Browsers: [Chrome, Microsoft Edge, Firefox]
* Testing Tools: [selenium, Postman, Jira, Selenium, Microsoft Teams]

**Roles/Responsibilities**

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibilities** |
| Shiva Kumar | Test Manager | * Approve the overall test plan * Manage the overall budget and resources * Monitor Project Progress |
| Prabhas Kalki | Test Lead | * Develop and maintain the test plan * Approve the test cases * Assign tasks, set priorities, and provide support to team members * Review test results and give feedback to team members |
| Anushka Shetty | Test Engineer | * Understand customer requirements * Write Test scenarios & Test cases * Executing the Test * Defect tracking and reporting |
| Vijay Kumar | Test Engineer | * Configuring and setting up test environment. * Management of Automation tools. * Executing Regression Test cases. |
| Arjun Syam | Test Engineer | * Understand areas for regression testing feasibility. * Responsible for writing automation scripts. |

**Test Schedule**

Following is the test schedule planned for the project

|  |  |
| --- | --- |
| Task | Time Duration |
| Test Plan Creation | 10 July 2024 |
| Test Scenario Creation | 13 July 2024 |
| Test Case Creation | 14 July-24 July 2024 |
| Test Case Execution | 25 July-18 August 2024 |
| Summary Report Submission | 29 June 2024 |

**Test Deliverables**

The following are to be delivered to the client:

|  |  |  |  |
| --- | --- | --- | --- |
| Deliverables | Description | Responsible  Owner | Target Completion  Date |
| Test Plan | Outlines the testing approach, strategies, and scope for the Zepto food delivery app | Masai | 10 July 2024 |
| Test Cases | Test Cases created for functional testing, performance testing, and compatibility testing. | Masai | 10 July 2024 |
| Defect Reports | Detailed description of the defects identified in different versions of the application | Masai | 10 July 2024 |

**Entry and Exit Criteria**

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

**Requirement Analysis**

**Entry Criteria:**

Once the testing team receives the Requirements documents and uses 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 doubts or uncertainties regarding the requirements should be addressed 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:**

The planning phase begins once the project plan is approved and detailed requirements are available.

**Exit Criteria:**

The phase concludes with the approval of the test plan document by the Client (ZEPTO).

**Test Designing**

**Entry Criteria:**

The design phase starts after the test plan is approved. It requires detailed functional and non-functional requirements and access to design tools and environments.

**Exit Criteria:**

The phase ends when all Test Cases and Test Scenarios are reviewed and approved.

**Test Execution Phase**

**Entry Criteria:**

Execution starts when Test Cases and Test Scenarios are ready, and the test environment is set up. Test data must be prepared and validated, and the test team must be trained.

**Exit Criteria:**

Test Case Reports, Defect Reports are ready.

**Test Closure**

**Entry Criteria:**

Test Case Reports, Defect Reports are ready.

**Exit Criteria:** It concludes with the preparation and review of the test summary reports.

**Tools**

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

• X mind map Tool

• Jira - Project management tool

• Zephyr- Test Management

• Microsoft Teams - collaboration

• Selenium - Web Automation

**Risks and Mitigation Plans**

The following are the list of risks possible and the ways to mitigate them

|  |  |
| --- | --- |
| Risk | Mitigation plans |
| Lack of Automation Testers | Backup Resource Planning |
| No detailed Requirements are available | Subject matter experts available for a deep understanding of functionalities |

**Approvals**

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

• Test Plan

• Test Scenarios

• Reports

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