Test Plan For Zeptp Food Delivery App

Website link: [Zepto Dummy Link](https://zepto-masai.netlify.app/)

# 1. Introduction:

## 1.1 Purpose

The test plan aims to outline the strategy, approach, resource, and schedule for testing the Zepto Food Delivery App. The objective is to ensure that all functionalities(except the payment gateway) are tested thoroughly to deliver a reliable and seamless dining experience for users.

## 1.2 Scope

This test plan covers the testing of all the features of the Zepto Food Delivery App excluding the payment gateway. The features to be tested include:

1. User Registration and Login
2. Search for Product
3. Add to Cart
4. Explore by Category
5. Food Ordering

# 2. Test Objectives

1. Verify that the Zepto app is expected across different devices and platforms.
2. Ensure that all features are working correctly and provide a seamless user experience.
3. Identify and document any defects or issues in the app.
4. Confirm that the app meets all specified requirements and standards.

# 3. Test Approach

## 3.1 Test Levels

1. **Unit Testing:** This testing is performed by the developers to ensure that the individual functionality of the app is working as expected.
2. **Integration Testing:** Testing dataflow between modules.
3. **System Testing:** Testing the end-to-end application.
4. **User Acceptance Testing:** Testing to ensure the application meets the user’s requirements.

## 3.2 Test Types

1. **Functional Testing:**  Verify that each function of the application is working with all requirement specifications
2. **Usability Testing:** Testing the app’s user interface and user experience.
3. **Performance Testing:** Check the app’s responsiveness and stability in various conditions.
4. **Compatibility Testing:** Check that the app is working on different devices, browsers, and operating systems.

# 4. Roles/Responsibilities

| Name | Role | Responsibilities |
| --- | --- | --- |
| Shiva Kumar | Test Manager | 1. Manage budget and resource 2. Allocation of additional support resources. 3. Assess and prioritize project risk/tasks. 4. Monitoring project progress |
| Shubham Shrivastava | Test Lead | 1. Develop test plans and strategies in alignment with project objectives and requirements. 2. Assign tasks, set priorities, and provide support to team members. 3. Review test results and provide feedback to team members. 4. Monitor and manage risks throughout the testing life cycle. 5. Understand customer requirements 6. Write Test scenarios & Test cases 7. Executing the Test cases. 8. Performing root cause analysis to identify underlying issues. 9. Defect tracking and reporting |

# 5. Test Schedule

| Phase | Start Date | End Date | Duration |
| --- | --- | --- | --- |
| Test Planning | 21-June-2024 | 27-June-2024 | 7 days |
| Test Case Development | 28-June-2024 | 03-July-2024 | 7 days |
| Unit Testing | 04-July-2024 | 10-July-2024 | 7 days |
| Integration Testing | 11-July-2024 | 17-July-2024 | 7 days |
| System Testing | 18-July-2024 | 31-July-2024 | 14 days |
| User Acceptance Testing | 01-Aug-2024 | 07-Aug-2024 | 7 days |
| Test Closure | 08-Aug-2024 | 14-Aug-2024 | 7 days |

# 6. Test Coverage

## 6.1 Functional Coverage

1. User Registration and Login
2. Search for Product
3. Add to Cart
4. Explore by Category
5. Food Ordering

## 6.2 Non-Functional Coverage

1. Usability
2. Performance
3. Compatibility

# 7. Test Deliverables.

| Deliverables | Description | Responsible Owner | Target Completion Date |
| --- | --- | --- | --- |
| Test Plan | Outlines the testing approach, strategies, and scope for the Zepto Food Delivery App. | Masai | 27- June -2024 |
| Test Cases | Test Cases created for both  functional testing and  compatibility testing | Masai | 03 - July - 2024 |
| Defect Reports | Detailed description of the  defects identified in different  versions of an application. | Masai | 14 - Aug - 2024 |

# 8. Entry and Exit Criteria

Below are the entry and exit criteria for every phase of Software Testing Life

Cycle:

## 8.1 Requirement Analysis

### Entry Criteria:

Once the testing team receives the Requirements documents and uses the 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.

## 8.2 Test Planning

### Entry Criteria:

Testable Requirements derived from the given Requirements documents.Test Plan

document includes the Test Strategy, which provides a high-level overview of

how testing will be conducted.

### Exit Criteria:

Test Plan is signed off by the Client (Zepto Food Delivery App)

## 8.3 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.

## 8.4 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. The application is ready for further

Testing.

### Exit Criteria:

Test Case Reports and defect Reports are ready

## 8.5 Test Closure

### Entry Criteria:

Test Case Reports and defect Reports are ready

### Exit Criteria:

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

# 9. Tools

The following are the Tools we will be using in this project:

1. X mind map Tool
2. Jira - Project management tool
3. Salesforce cloud - CRM tool
4. Zephyr- Test Management
5. Microsoft Teams - collaboration
6. Selenium - Web Automation

# 10. Risk and Mitigation plans:

The following are the risks possible and the ways to mitigate them:

| Risk | Mitigation Plans |
| --- | --- |
| Unavailability of resources | Ensure backup resources are identified. |
| Delays in test case development | Monitor progress regularly and provide support as needed. |
| Incomplete requirements | Maintain close communication with stakeholders to clarify requirements. |
| Test data issues | Create comprehensive and reusable test data sets. |

# 

# 11. Approvals

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

1. Test Plan
2. Test Scenarios
3. Reports

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