Version 1.0

Name  
Date

Test Plan document

Online Food Delivery Application

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# Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Member | 16-07-24 | Rechecking the document | 1.0 |
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# Introduction:

This test plan outlines the test strategies, processes, workflow, and methodologies used for testing the food delivery application. The objective is to ensure comprehensive testing of all functionalities, both functional and non-functional, to meet the quality standards before the application's release.

## Scope:

### In Scope:

The test plan covers the following features and functionalities:

* User Registration, Login, and Profile Management
* Admin Management
* Item Selection and Order Placement
* Price Calculation
* Payment Processing
* Delivery Personnel Assignment
* Order Tracking
* Feedback Mechanism
* Restaurant Management

### Out of Scope:

The test plan does not cover:

* Internal server management
* Third-party API reliability
* UI/UX design review (aesthetic aspects)

## Quality Objective:

The quality objectives of this testing project are:

* Ensure the Application Under Test (AUT) conforms to functional and non-functional requirements.
* Ensure the AUT meets the quality specifications defined by the client.
* Identify and fix bugs/issues before go-live.

## Roles and Responsibilities:

|  |  |
| --- | --- |
| Role | Responsibility |
| QA Analyst | Execute test cases, report bugs |
| Test Manager | Plan and manage testing activities |
| Configuration Manager | Manage configurations and versions |
| Developers | Fix bugs, implement features |
| Installation Team | Deploy application, ensure environment setup |

# [Test Methodology:

## Overview:

The Agile methodology is adopted for this project to allow for iterative and incremental development, ensuring continuous testing and feedback throughout the development lifecycle.

## Test Levels:

The following test levels will be executed:

* **Unit Testing:** Test individual components by developers.
* **Integration Testing:** Test interactions between integrated components.
* **System Testing:** Test the complete and integrated application.
* **User Acceptance Testing (UAT):** Validate the application with the end-users.

## Bug Triage:

The goal of the triage is to define the type of resolution for each bug and to prioritize bugs and determine a schedule for fixing them.

## Suspension Criteria and Resumption Requirements:

Suspension criteria include encountering a critical bug that blocks further testing or environment issues. Resumption requirements include fixing the critical bug and resolving environment issues.

## Test Completeness:

Criteria for test completeness include achieving 100% test coverage, executing all manual and automated test cases, and ensuring all open bugs are either fixed or scheduled to be fixed in the next release.

# Test Deliverables:

Test deliverables include the following:

* Test Plan
* Test Cases
* Requirement Traceability Matrix
* Bug Reports
* Test Strategy
* Test Metrics
* Customer Sign Off

# Resource and Environment Needs:

## Testing Tools:

Following are the tools required:

* **Requirements Tracking Tool:** JIRA
* **Bug Tracking Tool:** Bugzilla
* **Automation Tools:** Selenium, JMeter, Postman

## Test Environment:

**Hardware Requirements:**

Multiple devices for different OS versions (Android, iOS, Windows)

**Software Requirements:**

* Windows 8 and above
* Office 2013 and above
* MS Exchange, etc

# Terms/ Acronyms:

1. API: Application Program Interface
2. AUT: Application Under Test