

TEST PLAN

Web Ordering System

Version 5.0

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Version History

ID & Version	Prepared By	Revision Date	Approved By	Approval Date	Reason
1.0	Sarah John	Jan 28 ,2023	Peter M	Sep 30,2023	Initial Version
2.0	Josina Jose	Feb 15, 2023			Revised schedule

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1. INTRODUCTION

1.1 Purpose of the Test Plan Document

The test plan describes the testing approach for the 2023 release of the web ordering system and supports the following objectives:

- **Test Strategy:** Recommended Test Requirements (High Level): Include specifics of the project such as start/end dates, objectives, and assumptions. Process to Set Up a Valid Test: Detail entry/exit criteria, creation of test cases, test data setup, etc.
- **Execution Strategy:** Describes how testing will be executed, including the process for defect logging, defect closure, and re-testing.
- **Test Management:** Provides details on the communication plan, escalation process, risk management, and other relevant aspects of managing the test cycle.

2. TEST ITEMS

2.1 Project Description

Web Ordering System is launching a series of new services in May 2023. The project involves testing support for its website, mobile site and mobile application(Android, iPhone).

2.2 Area to be Tested

Scope of testing- The following table indicates the areas that fall within the range of functionality being tested.

Item to Test	Test description	Test Date	Responsibility
Website layout and general navigation	Functional testing will be performed to check the general flow of Application		
Signup User	User registration for individual client via email and registration form		
Login User	Login in via email		
Browser Menu			
Select Order Items			
Review Order			

2.3 Features Not to be Tested

Module Name	Description
Discount vouchers and coupons	No possibility to generate test data
Payments	Functionality not fully delivered; the test will take place at a later date.

2.4 TEST APPROACH

The following list indicates the types of test that will be carried out in the project:

2.4.1 Smoke Testing

Purpose: The purpose of this test is to make sure stable builds are available before the next stage of testing can start.

Scope: Entire website, but basic flows

Method: Manual, Google sheet. However defects will be recorded in JIRA tool

Frequency: Each day, on getting a new build.

2.4.2 Functional Regression Testing

Purpose: The purpose of this test is to regression test all functionality of the application.

Scope: Entire website, all flows

Method: Manual test cases present in Zephyr Scale and automation scripts created in Selenium.

Defects will be recorded in the JIRA tool.

Frequency: On start of testing cycle, after smoke testing is completed successfully.

2.5 Test PASS/FAIL Criteria

- A test case will be considered passed if all of its steps are executed successfully, and the actual results match expected results.
- A test will be considered failed, if at any step the actual result does not match expected result. A defect will be logged for each failed test case.
- A test case will be considered blocked, if it cannot be executed due to a defect, for which another test case is marked failed, Or , if test data is not available.

2.6 Test Entry/Exit Criteria

Entry Criteria

Entry Criteria	Test Team	Other team	Notes
Requirement Documents are signed-off	Completed	Completed by BA and DEV Manager	Feb 25,2022
Test environment is set	Completed	Completed by System admin team	Mar 3, 2022
Testers have access to environment, test data and tools for testing	Completed	On Risk	Should be done by Mar 10, 2022

Exit Criteria

Exit Criteria	Test Team	Other Team	Notes
All test cases executed	To be done one(1) week before release		Planned for May 28,2023
At least 95% test case passed			
No Critical or blocker defect open			

2.7 Test Deliverables

The following matrices will be shared with project manager and development manager as per the schedule specified below.

Report	Description	Frequency
Test Execution Status	% of completeness along with listing of all defects logged	Daily at end of working hours(6PM)
Effort Report	Detail of work effort	Weekly, every Monday
Project Status Report	Project reporting (as required by the PM, in shared format)	Weekly, every Monday

2.8 Test Suspension / Resumption Criteria

- ☐ If the test environment is not stable, testing will be suspended, A new build will be required with fixes before testing can resume.
- ☐ If test data (backup from production) is not available, testing will be suspended. Testing can resume data is available.

3. RISK AND MITIGATION

- **Risk: Scope change during testing.**
 - Mitigation: Start with finalized areas and plan for new improvements in later sprints.

4. TEST ENVIRONMENT AND RESOURCES

- **Test Tools:** Google sheet, Java, Selenium, Eclipse IDE, Google DOC, Xampp, MySQL
- **Test Devices and Infrastructure:** Virtual machine with Windows 10 and Chrome, Firefox, and Edge browsers (latest version). Mobile devices Android and iPhone.

5. ROLES AND RESPONSIBILITY

Project Manager -Review Test Plan, Test Strategy, and Test Estimates. Track project progress and provide status updates. Manage resourcing and budgeting.

Test Lead-Ensure adherence to the test plan. Develop guidelines for test creation, execution, and defect reporting. Provide metrics and status to project management. Raise risks and implement mitigation plans.

Test Team- Develop test cases and scripts. Perform execution and validations. Report defects and re-test after fixes. Provide daily status updates.

6. TEST SCHEDULE

6.1 Milestone and schedule

Milestone	Members	Effort(Person Hours)	Start Date	End date
Test Design	Test Team	1000 man-hours	25/25/2023	05/03/2023
Test Execution	Test Team	3000 man-hours	08/03/2023	18/05/2023
Test Report	Test Lead	50 man-hours	19/05/2023	31/05/2023
Total		4050 man-hours		

7. TEST PLAN APPROVAL

The undersigned acknowledge they have reviewed the Web Ordering System 2023 Release Test Plan document and agree with it.

Signature:

Date:

Name:

Title :

Signature:

Date:

Name:

Title :
