

TEST PLAN

<Fetchr Tracking Website>

Abstract

This document provides an overview of the project and the product test strategy, a list of

testing deliverables and plan for development

**VERSION HISTORY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Version #** | **Write by** | **Revision Date** | **Approved By** | **Approval Date** | **Outline** |
| 1.0 | *Noor AbuSerrieh* | *2021/7/16* |  |  | Test Plan create |
|  |  |  |  |  |  |
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# INTRODUCTION

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project Fetchr Tracking.

The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

# TEST STRATEGY

## Scope of Testing

* + 1. **Features to be tested**

All the features of website Fetchr Tracking which were defined in software requirement [specs](https://docs.google.com/document/d/1rPW5DV82VJT6vtA1VDSrfxaCBuAduxW0zb1yfTh_VMk/edit?pli=1) need to be tested

|  |  |  |
| --- | --- | --- |
| **Module Name** | **Applicable**  **Roles** | **Description** |
| **Order Tracking Screen** | Customer | **Customer:** A customer can check and track its orders statuses |
| **Terms And Conditions** | Customer | **Customer:** A customer can check the terms and conditions |
| **Privacy Policy** | Customer | **Customer:** A customer can check Fetchr’s Policies |
| **Fetchr’s Safety Blog** | Customer | **Customer:** A customer can check all the subjects related to Corona Safety |
| **Orders Location Delivery** | Customer | **Customer:** A customer can Confirm, update or reschedule the Order location |

## Feature not to be tested

These features are not be tested because they are not included in the software requirement specs

* + - * Database logic
      * Website Security and Performance

## Test Type

In the project Fetchr Website, there is 1 type of testing should be conducted.

* + **System** Testing: Conducted on a **complete**, **integrated** system to evaluate the system's compliance with its specified requirements

## Risk and Issues

|  |  |
| --- | --- |
| **Risk** | **Mitigation** |
| **Tester lack the knowledge of website business.** | Plan **training course** for Tester to understand the business |

## Test Logistics

## Who will test?

The project should use **outsource** members as the tester to save the project cost

## When will test occur?

The tester will start the test execution when all the following inputs are ready

* Software is available for testing
* Test Specification is created
* Test Environment is built
* Enough human resource for testing

# TEST OBJECTIVE

The test objectives are to **verify** the Functionality of website Fetchr Tracking, the project should focus on testing the **Tracking Operation** such as check Order Status, Reschedule Order, and Confirm delivery…etc. to **guarantee** all these operations can work **normally** in real business environment.

# TEST CRITERIA

## Suspension Criteria

If the team members report that there are **40%** of test cases **failed**, suspend testing until the development team fixes all the failed cases.

## Exit Criteria

Specifies the criteria that denote a **successful** completion of a test phase

* **Run** rate is mandatory to be **100%** unless a clear reason is given.
* **Pass** rate is **80%,** achieving the pass rate is **mandatory**.

# RESOURCE PLANNING

## System Resource

|  |  |  |
| --- | --- | --- |
| **No.** | **Resources** | **Descriptions** |
| **1.** | Server | Need a Database server which install MySQL server |

|  |  |  |
| --- | --- | --- |
| **2.** | Test tool | Develop a Test tool which can auto generate the test result to the pre- defined form and automated test execution |
| **3.** | Network | Setup 1 internet line |
| **4.** | Computer | At least 1 computer |

## Human Resource

|  |  |  |
| --- | --- | --- |
| **No.** | **Member** | **Tasks** |
| **1.** | Test Manager | Manage the whole project Define project directions  Acquire appropriate resources |
| **2.** | Test | Identifying and describing appropriate test techniques/tools/automation architecture  Verify and assess the Test Approach  Execute the tests, Log results, Report the defects. Outsourced members |
| **3.** | Developer in Test | Implement the test cases, test program, test suite etc. |
| **4.** | Test Administrator | Builds up and ensures test environment and assets are managed and maintained  Support Tester to use the test environment for test execution |
| **5.** | SQA members | Take in charge of quality assurance  Check to confirm whether the testing process is meeting specified requirements |

# 

# TEST ENVIRONMENT

The Test Environment should be separated and like production environment.

# SCHEDULE & ESTIMATION

## All project task and estimation

|  |  |  |
| --- | --- | --- |
| **Task** | **Members** | **Estimate effort** |
| **Create the test specification** | Test Designer | 50 man-hour |
| **Perform Test Execution** | Tester, Test Administrator | 3 man-hour |
| **Test Report** | Tester | 2 man-hour |
| **Test Delivery** |  | 3 man-hour |
| **Total** |  | **58 man-hour** |

# TEST DELIVERABLES

Test deliverables are provided as below

## Before testing phase

* Test plans document.
* Test cases documents
* Test Design specifications.

## During the testing

* Test Tool
* Test Data
* Error logs and execution logs.

## After the testing cycles is over

* **Test Results/reports**
* Defect Report

## Release notes