

TEST PLAN

<<Pickaboo>>

Abstract

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

testing deliverables and a plan for Test

Jahed Ahmed



*Private & Confidential*

# VERSION HISTORY

| Version # | Write by | Revision Date | Approved By | Approval Date | Description |
| --- | --- | --- | --- | --- | --- |
| 1.0 | Jahed Ahmed | 10/05/2022 | XXX | XXX | 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 **“Pickaboo”**.

The plan identified 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. Feature to be tested

All the features of the application **“Pickaboo”** which were defined in software requirement specs are needed to test

* Account
* Product List
* Product Search
* Categories
* Notifications
* Profile
* My Order
* Cart
* Dashboard
* Shop For
* Sort
* Filter
* My Wishlist
* Preferences/Settings
* Contact Us
* Account Information
* Manage Address
* Saved Payment Method
* Q&A

### Feature not to be tested

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

* Database logical
* Communications Interfaces
* App Security and Performance

### Test Type

In the project **“Pickaboo”**, there’re 3 types 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 |
| --- | --- |
| Team members lack the required skills for app testing. | Plan training course to skill up your members. |
| The project schedule is too tight; it's hard to complete this project on time | Set Test Priority for each of the test activities. |
| New OS Support may be needed | Plan for supported OS |
| New device needed for current OS support | Plan and buy the supported device as early as possible |

### 

### Test Logistics

### Who will test?

* QA team members will test.

### When will the 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 resources for testing

## TEST OBJECTIVE

The test objectives are to verify the functionality of the app **“Pickaboo”**, the project should focus on testing the E-commerce product list, Account, Order, Cart…etc. to guarantee all these operations can work normally in the 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 successful completion of a test phase

* The 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 | N/A |
| 2. | Test tool | Develop a Test tool that can auto-generate the test result to the pre-defined form and automated test execution |
| 3. | Computer | At least 1 computer runs Windows 10, Ram 4GB, CPU 3.4GHZ |

### 

### Human Resource

| No. | Member | Tasks |
| --- | --- | --- |
| 1. | Test Manager | N/A |
| 2. | Auntor Acharja | * Write Test cases include Test Scenario * Write and make a test Summary report * Write Automated Script with auto-generate report |

## 

## TEST ENVIRONMENT

Tested devices:

1. Oppo A57 (Android OS 6.1.0)

## SCHEDULE & ESTIMATION

### All project tasks and estimation

| Task | Members | Estimate effort |
| --- | --- | --- |
| Create the test specification | Test Designer | 120 man-hour |
| Write test cases | Tester, Test Administrator | 200 man-hour |
| Perform Test Execution | Tester, Test Administrator | 80 man-hour |
| Test Report | Tester | 10 man-hour |
| Test Delivery |  | 20 man-hour |
| Total |  | 430 man-hour |

### 

### Schedule to complete these tasks

* Write test cases: May 11 - May 31
* Execute test cases: May 11 - May 31
* Test Summary: May 11 - May 31

## TEST DELIVERABLES

Test deliverables are provided as below

### Before the testing phase

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

### During the testing

* Test Tool
* Simulators
* Test Data
* Test Traceability Matrix
* Error logs and execution logs

### After the testing cycle is over

* Test Results/reports
* Defect Report
* Installation/ Test procedures guidelines

### Release notes