Augmented Reality Food Menu

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 13/12/2017 | 1.0 | Add detailed information of all sections | Phu-Khoa Nguyen |
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# Introduction

## Purpose

This document describes the detailed test plan for our project which is called Augmented Reality Food Menu.

The main role of this document is to provide information about different test cases, required resources and specific hardware requirements involving in the testing process. The estimation for test efforts is also described.

This test plan should be used and strictly followed by all team members, especially tester.

# Target Test Items

* Login (Authentication for different devices)
* View 3D models
* Order food (while viewing 3D models)
* Order food (without using camera)
* Customize dishes
* View details of dishes
* View details of orders
* Comment/Rating the dishes
* Facebook share
* Process order

# Environmental Needs

## Hardware Requirements

* Operating system: Android 5.1 (and above)
* Wifi on
* RAM > 1GB

## Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

| **Software Name** | **Purpose** | **Version** | **Type and Other Notes** |
| --- | --- | --- | --- |
| Windows OS | Run Unity-built-in UITest Automation package for testing | 10, 64-bit | Operating System |
| Mac OS X | Run Unity-built-in UITest Automation package for testing | 10.13.1 | Operating System |
| Android OS | Run the demo application | 7.0 Nougat | Operating System |

## Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

| **Tool Category or Type** | **Tool Brand Name** | **Vendor or In-house** | **Version** |
| --- | --- | --- | --- |
| Defect Tracking | MS Excel 2017 | Vendor (MS) | 2017 |
| Automation test tool | UITest Automation (Unity built-in package) | Vendor (Unity) | 3 |

# Responsibilities, Staffing, and Training Needs

## People and Roles

This table shows the staffing assumptions for the test effort.

| **Human Resources** | | |
| --- | --- | --- |
| **Role** | **Minimum Resources Recommended**  **(number of full-time roles allocated)** | **Specific Responsibilities or Comments** |
| Test Manager | 1 | Provides management oversight.  Responsibilities include:   * planning and logistics * acquire appropriate resources * present management reporting * advocate the interests of test * evaluate effectiveness of test effort |
| Tester | 2 | Implements and executes the tests.  Responsibilities include:   * implement tests and test suites * execute test suites * log results * analyze and recover from test failures * document incidents |
| Test System Administrator | 1 | Ensures test environment and assets are managed and maintained.  Responsibilities include:   * administer test management system * install and support access to, and recovery of, test environment configurations and test labs |