Test plan

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# Introduction

This test plan would test the API calling in the Program

## Objectives

Our objective of this test plan is to make sure that the application meets all the requirements as well as API usage.

## Team members

|  |  |
| --- | --- |
| **Name** | **Role** |
| *Qiao Li*  *Jonathan Richardson* | Test Manager  Developer, Tester |

# Features/units to be tested

Test the API calling in the Android program

# Approach

In this test plan the black box testing would be used.

# Test cases

## Test Case ID: 001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 001  **Executed by**: Jonathan Richardson  **Execution Date**: 02/07/2020  **Scenario**: Run the API program and this program together to test the API calling  **Test Case**: API Calling | | | | |
| Prerequisite | | The web API program should be running successfully | | |
| Test Data | | *No test data required for this test case* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Start the program, swipe the welcome page to list page. | | User can see a sync button in the top of the floating action button list | **** |
| 2 | Click on the sync button, and open the SSMS to check the database inside | | All the data in mobile would be added in the server database. | **** |
| 3 | Check in the swagger using the get all method | | Json file would contain all data. | **** |

# Schedule

## Test Schedule

|  |  |  |
| --- | --- | --- |
| **Task** | **Start** | **Finish** |
| Working on the test base on this plan | 02/07/2020 | 02/07/2020 |

## Deliverables

|  |  |
| --- | --- |
| **Task** | **Date** |
| Test Plan | 02/07/2020 |
| Test Results | 02/07/2020 |
| Test Report | 02/07/2020 |