Test plan

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# Introduction

This test plan outlines the testing requirements for the Android Phonebook Application. In particular, the API Call functionality from the Android App.

## Objectives

Objective is to test the API functionality of app.

## Team members

|  |  |
| --- | --- |
| **Name** | **Role** |
| *Qiao Li*  *Thomas Or* | Test Manager  Developer, Tester |

# Features/units to be tested

Features to be tested:

* Can POST/add a contact to the remote database via API call from the Phonebook App.

# Approach

The Testing Approach will use Black-Box testing. A user will run the application and test the features by following the Test cases outlined below.

# Test cases

## Test Case ID: 001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 001 – Sync Local Database to Remote Database via API call  **Executed by**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Execution Date**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Scenario**: User will sync Contact List in local database to Remote database  **Test Case**: Add Local database Contact List to Remote database via API call | | | | |
| Prerequisite | | The Web API is running  The Phonebook App is running | | |
| Test Data | |  | | |
| Step | Action | | Expected Result | Success? |
| 1 | Make sure the PhonebookDB\_WEB\_API solution is running | | The Web API is successfully running with no errors. | **or X** |
| 2 | Run the Phonebook App and on the Main Page, Click the ‘Update Server-Side’ Button | | The app will use the API to POST all contacts in the contact list to the Remote Database. |  |
| 3 | Verify the data has been sent to the remote database by viewing the remote DB in SSMS | | All contacts from the local database should have been added to the remote database. |  |

# Schedule

## Test Schedule

|  |  |  |
| --- | --- | --- |
| **Task** | **Start** | **Finish** |
| Perform Testing with Test Plan | 25/6/2020 | 25/6/2020 |

## Deliverables

|  |  |
| --- | --- |
| **Task** | **Date** |
| Test Plan | 25/6/2020 |
| Test Results |  |
| Test Report |  |