Test plan

*Jonathan Richardson*

June 13, 2020

Table of Contents

[1 Introduction 2](#_Toc43296782)

[1.1 Objectives 2](#_Toc43296783)

[1.2 Team members 2](#_Toc43296784)

[2 Features/units to be tested 2](#_Toc43296785)

[3 Approach 2](#_Toc43296786)

[4 Test cases 3](#_Toc43296787)

[4.1 Test Case ID: 001 3](#_Toc43296788)

[4.2 Test Case ID: 002 4](#_Toc43296789)

[4.3 Test Case ID: 003 5](#_Toc43296790)

[5 Schedule 5](#_Toc43296791)

[5.1 Test Schedule 5](#_Toc43296792)

[5.2 Deliverables 6](#_Toc43296793)

# Introduction

This test plan is based on SQLite functionality and the user interface of the application.

## Objectives

To make sure the program can work as the client requirement.

## Team members

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

# Features/units to be tested

* Add function
* Update Function
* Delete Function

# Approach

Black box testing will be used.

# Test cases

## Test Case ID: 001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 001  **Executed by**: Jonathan Richardson  **Execution Date**: 02/07/2020  **Scenario**: Run the program and go to add page to insert new record  **Test Case**: Add function for the project | | | | |
| Prerequisite | | The Local database install correctly | | |
| Test Data | | *“Jonathan Richardson”,”01231321”,” JR@gmail.com”,”02-04-2000”* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Click the add button in the list page | | The add page should show | **** |
| 2 | Enter the testing details to the text box | | Details display in the screen | **** |
| 3 | Click the add button | | The record should be added and redirect to list page | **** |
| 4 | Open the device explorer find out the database file and save to desktop, open the data in DB Browser and check the data inside | | The contact “*Jonathan Richardson*” is added in the database. | **** |

## Test Case ID: 002

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 002  **Executed by**: Jonathan Richardson  **Execution Date**: 02/07/2020  **Scenario**: Run the program and swipe one contact and click on the update button  **Test Case**: Update Function for the program | | | | |
| Prerequisite | | The Local database install correctly and the swipe show button function working correctly. | | |
| Test Data | | *“Test”,”041231231”,” Test@gmail.com”,” 02-04-2000”* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Swipe one contact and click on the update button | | The update page should show with all details within the specific contact that you selected | **** |
| 2 | Changing the details in test box base on the test data | | Contact details display in the screen | **** |
| 3 | Click the Update button | | The record should be updated and redirect to list page | **** |
| 4 | Open the device explorer find out the database file and save to desktop, open the data in DB Browser and check the data inside | | The contact information should be updated | **** |

## Test Case ID: 003

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 003  **Executed by**: Jonathan Richardson  **Execution Date**: 02/07/2020  **Scenario**: Run the program and drag one contact to the bin  **Test Case**: Deletion of contacts | | | | |
| Prerequisite | | The Local database is functioning and the drag and drop delete works. | | |
| Test Data | | *No testing data required for this test case* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Drag a contact and drop to the bin | | The confirmation box should pop up. | **** |
| 2 | Click on the “Ok” | | Contact should be successfully deleted in the list | **** |
| 3 | Open the device explorer find out the database file and save to desktop, open the data in DB Browser and check the data inside | | The contact should be successfully deleted in database | **** |

# Schedule

## Test Schedule

|  |  |  |
| --- | --- | --- |
| **Task** | **Start** | **Finish** |
| Working on the test base on this plan | 13/06/2020 | 02/07/2020 |

## Deliverables

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