Test plan

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# Introduction

This test plan would base on the SQLite functionalities and UI about the project

## Objectives

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

## Team members

|  |  |
| --- | --- |
| **Name** | **Role** |
| *Qiao Li*  *Tianwei Zhang* | Test Manager  Developer, Tester |

# Features/units to be tested

* Add function
* Update Function
* Delete Function

# Approach

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

# Test cases

## Test Case ID: 001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 001  **Executed by**: \_\_\_Tianwei Zhang\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Execution Date**: \_\_\_\_13/06/2020\_\_\_\_\_\_\_\_\_\_\_  **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 | | *“Lucy Mike”,”0401205336”,” Lucy@abc.com”,”01-01-2010”* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Click the add button in the list page | | The add page should show | **or X** |
| 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 “Lucy Mike” is added in the database. |  |

## Test Case ID: 002

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 002  **Executed by**: \_\_\_Tianwei Zhang\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Execution Date**: \_\_\_\_13/06/2020\_\_\_\_\_\_\_\_\_\_\_  **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 | | *“Testing Update”,”0401213246”,” Test@abc.com”,”01-01-2010”* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Swipe one contact and click on the update button | | The update page should show with all details with in the specific contact that you selected | **or X** |
| 2 | Changing the details in test box base on the test data | | 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 Should be successfully updated in database |  |

## Test Case ID: 003

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 003  **Executed by**: \_\_\_Tianwei Zhang\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Execution Date**: \_\_\_\_13/06/2020\_\_\_\_\_\_\_\_\_\_\_  **Scenario**: Run the program and drag one contact to the bin  **Test Case**: Delete Function for the program | | | | |
| Prerequisite | | The Local database install correctly and the drag and drop function working correctly. | | |
| 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 confirm dialog box show | **or X** |
| 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 | 13/06/2020 |

## Deliverables

|  |  |
| --- | --- |
| **Task** | **Date** |
| Test Plan | 13/06/2020 |
| Test Results | 13/06/2020 |
| Test Report | 13/06/2020 |