Test plan

*Tim Owens*

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Table of Contents

[1 Introduction 2](#_Toc529369248)

[1.1 Objectives 2](#_Toc529369249)

[1.2 Team members 2](#_Toc529369250)

[2 Features/units to be tested 2](#_Toc529369251)

[3 Approach 3](#_Toc529369252)

[4 Item pass/fail criteria 3](#_Toc529369253)

[5 Test cases 4](#_Toc529369254)

[5.1 Test Case ID: 001 4](#_Toc529369255)

[5.2 Test Case ID: 002 5](#_Toc529369256)

[5.3 Test Case ID: 003 6](#_Toc529369257)

[5.4 Test Case ID: 004 7](#_Toc529369258)

[5.5 Test Case ID: 005 9](#_Toc529369259)

[6 Schedule 9](#_Toc529369260)

[6.1 Test Schedule 9](#_Toc529369261)

[6.2 Deliverables 10](#_Toc529369262)

[7 Risks 10](#_Toc529369263)

# Introduction

This test plan is to ensure the quality of CRUD functionality within the local database on the client-side application of Assessment 2.

## Objectives

The objectives are ensure that the CRUD functionalities such as Creation of contacts, Reading of Contacts, Updating of contacts and deletion of contacts function adequately and no errors will be prevalent.

## Team members

|  |  |
| --- | --- |
| **Name** | **Role** |
| *Qiao Li*  *Tim Owens* | Test Manager  Developer, Tester |

# Features/units to be tested

(Replace these texts with actual content)

List all the features to be tested here:

* Add contact to Database
* Update contact details
* Delete Contact
* Read all contacts to ListView

# Approach

Methods that will be used will be Unit testing, the testing of individual components to ensure their appropriate functionality.

# Test cases

## Test Case ID: 001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 001  **Executed by**: Tim Owens  **Execution Date**: 22/11/2021  **Scenario**:  **Test Case**: Add Contact | | | | |
| Prerequisite | |  | | |
| Test Data | | *FIrstname = Tim, Lastname = Owens, Phonenumber = 09 2727 2727, dob = 1998-10-06.* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Navigate to list view | | Display list view | **** |
| 2 | Press + on the button right to display add contact page | | Display navigation page | **** |
| 3 | Insert data into fields | | Text should be visible in fields | **** |
| 4 | Press Add | | Data should be inserted into DB | **** |

## Test Case ID: 002

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 002  **Executed by**: Tim Owens  **Execution Date**: 22/11/2021  **Scenario**:  **Test Case**: Edit Contact | | | | |
| Prerequisite | |  | | |
| Test Data | | *FIrstname = Tim, Lastname = Jaxten, Phonenumber = 08 4444 4545, dob = 1998-10-06.* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Navigate to list view | | Display list view | **** |
| 2 | Select a contact | | Display edit button | **** |
| 3 | Press edit button | | Display Edit contact page | **** |
| 4 | Edit desired field | | Data should be visible | **** |
| 5 | Press edit button | | Data should be edited in database | **** |

## Test Case ID: 003

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 003  **Executed by**: Tim Owens  **Execution Date**: 22/11/2021  **Scenario**:  **Test Case**: Read Contacts | | | | |
| Prerequisite | |  | | |
| Test Data | | *List of Contacts* | | |
| Step | Action | | Expected Result | Success? |
| 1 | Navigate to list view | | Display list view all data should be loaded onto List Page | **** |

# Schedule

## Test Schedule

|  |  |  |
| --- | --- | --- |
| **Task** | **Start** | **Finish** |
| Unit Test | 22/11/2021 | 22/11/2021 |

## Deliverables

|  |  |
| --- | --- |
| **Task** | **Date** |
| Test Plan | 22/11/2021 |
| Test Results | 22/11/2021 |
| Test Report | 22/11/2021 |