Test plan

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# Introduction

The test plan’s purpose is to test the overall functionality of an application, to ensure that no errors arise when operating with core functionality.

## Objectives

The objective of this is to ensure that all core functionality functions without error and that the intended functionality of each feature executes properly.

## Team members

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

# Features/units to be tested

Inserted a contact into the database

Deleting a contact from the database

Sort Contacts

Hash search

search

Editing a contact

Viewing contact details

# Approach

Testing will be done using android studio, testing how each interacts with each other for example create a new contact, edit the new contact, and delete new contact.

# Test cases

## Test Case ID: 001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID**: 001  **Executed by**: Tim Owens  **Execution Date**: 05/12/2021  **Scenario**:  **Test Case**: CRUD functionality for contact | | | | |
| Prerequisite | |  | | |
| Test Data | | *Firstname = Tim, Lastname = Owens, Phonenumber = 22 2222 2222, 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 | **** |
| 5 | Click new contact and press edit | | Display edit page | **** |
| 6 | Insert data into fields | | Text should be visible in fields | **** |
| 7 | Press Edit | | Data should be altered in DB | **** |
| 8 | Click any contact and Press detail button (displayed as S) | | Display information contact | **** |
| 9 | Press A-Z | | Sort contacts by first name | **** |
| 10 | Click any letter in the side bar | | Navigate to location of contacts where the letter of the last name starts with the value that was assigned to the button | **** |
| 11 | Click search bar at the top of the screen and enter a last name | | Display an individual contact with the given last name | **** |
| 12 | Drag given contact to the delete button | | Deletes dragged contact | **** |

# Schedule

## Test Schedule

|  |  |  |
| --- | --- | --- |
| **Task** | **Start** | **Finish** |
| CRUD functionality for contact | 05/12/2021 | 05/12/2021 |

## Deliverables

|  |  |
| --- | --- |
| **Task** | **Date** |
| Test Plan | 05/12/2021 |
| Test Results | 05/12/2021 |
| Test Report | 05/12/2021 |