**Leo Yang**

**Gary Kam**

**Super Recorder**

**Test Procedure**

***Revision History***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Authors** | **Description of Change** | **Sections** | **Rev** | **Date** |
| Leo | About to write journals and save it locally | 1 | 1 | 2018-03-15 |
| Gary | Basic work list, with add functionality | 1 | 1 | 2018-03-17 |
| Leo | All existing Journals | 2 | 2 | 2018-03-20 |
| Gary | Updated work list using custom adapter; enables add/remove components | 1 | 2 | 2018-03-25 |
| Leo | Database, able to save everything on database | 3 | 3 | 2018-03-30 |
| Leo | Allow users to log in or sign up | 4 | 4 | 2018-4-20 |
| Leo | Community journals, ability to publicize written journals | 4 | 4 | 2018-05-10 |

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# Team Description

|  |  |
| --- | --- |
| **Team Member Name** | **Email Address** |
| Leo Yang | yangyuliang@csu.fullerton.edu |
| Gary Kam | kamgary109@csu.fullerton.edu |

# Introduction

This is an Android phone application that combines several useful utilities into one for easy accessibility. It is built with Android Studio IDE and Java programming language.

## Identification

|  |  |
| --- | --- |
| **Requirement Document Tested:** | May 10th |
| **Requirement Document Revision:** | May 10th |
| **Revision Release Date:** | May 10th |

# Test Procedures

## Test Case 1

Description: Does Database and authentication working properly?

Precondition:

1) we have access to database

2) users should sign in first then have access to write and read database

3) database should be realtime updated

|  |  |  |  |
| --- | --- | --- | --- |
| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | sign up | valid or fail |  |
| 2 | sign in | valid or fail |  |
| 3 | write journal | able to save it or not |  |
| 4 | database | updated real time? |  |

## Test Case 2

Description: Do our list adapters work properly?

Precondition:

1) can add components to a list

2) can remove components from the list

3) can save components into the database

|  |  |  |  |
| --- | --- | --- | --- |
| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | add a component | add component if not exceeding max list size |  |
| 2 | remove a component | remove component if there is one available |  |
| 3 | display list | show the list of data loaded from the database |  |

## Test Case 3

Description: we test it with different devices

Precondition:

1) 2 computers

2) have android studio and emulator

3) have access to internet

|  |  |  |  |
| --- | --- | --- | --- |
| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | test with leo’s computer by using emulator 1 | works fine |  |
| 2 | test with gary’s computer by using emulator 2 | works fine |  |
| 3 | update project through github | works fine |  |

# Verification Cross Reference Matrix

|  |  |
| --- | --- |
| **Requirement Identifier** | **Where Tested** |
| log in and sign up functionality | start of program |
| database | read and write from DB |
| all buttons | works fine |
| activity transfer | smooth and doesn’t crash |
| screen preload | system has spinner to notify users |