

ELECTRONIC ASSIGNMENT COVERSHEET



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Assignment name	Assignment two
Tutor	Aaron Yeo Sze Wee

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Please insert this completed form into the body of the assignment you submit. Follow the instructions in the Unit Guide about how to submit your file(s) and how to name them, so that the Unit Coordinator knows whose work it is.

A summary describing the project

The application for assignment two is called Photo Diary. The application allows users to upload photos with descriptions to the platform to record their life in a journal form. It helps us for collecting rich memories, not just by photo also by locations.

Design including the class diagram

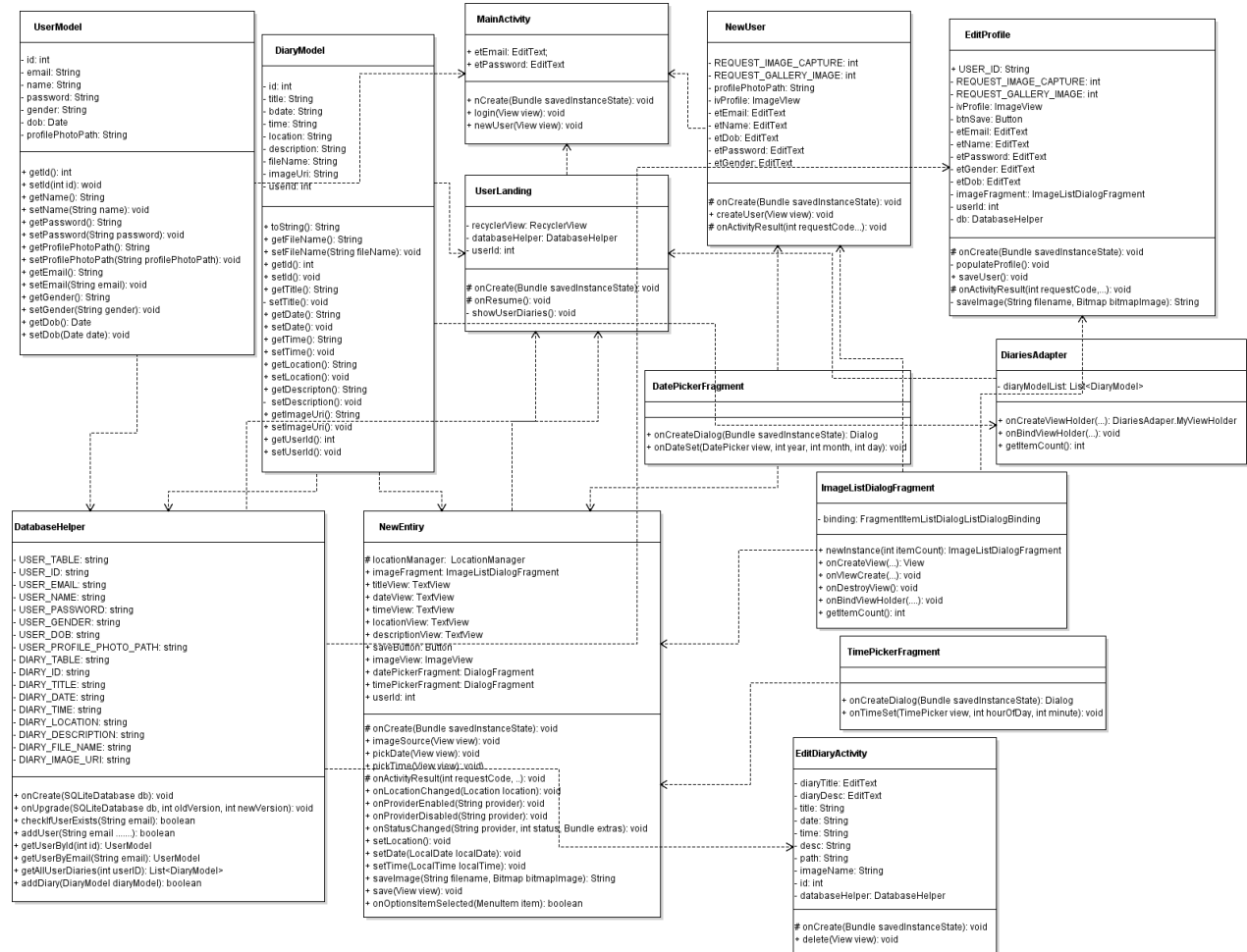


Figure 1 Photo Diary Class diagram

As Figure 1 described when user open the application it shows login page, firstly application will trigger the MainActivity.class. At login page user can register new account and login by their credentials also we provide test account for those users who want to try without signing up.

If user use sign-up page to register a new account, user need to provide their email, name, password, gender and DOB to sign up. This function will use NewUser.class.

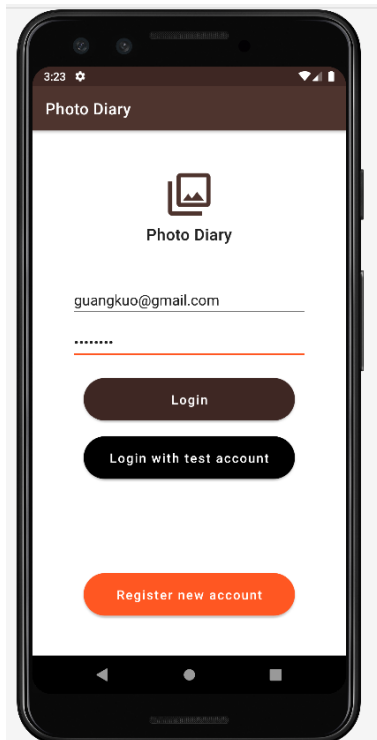
After user signed up, user can sign in. Then user can view diary lists, click one item to see the details and update or delete one diary. Also in this page user can click add button to add new photo diary.

After user click add button, will go into new Entity page, user can select camera to take a new photo or browser a photo shop to select a photo. At the same time user can add a title, timestamp for the diary if user give this app location services right, our app will record the location of the photo took.

Instructions on how to use the software

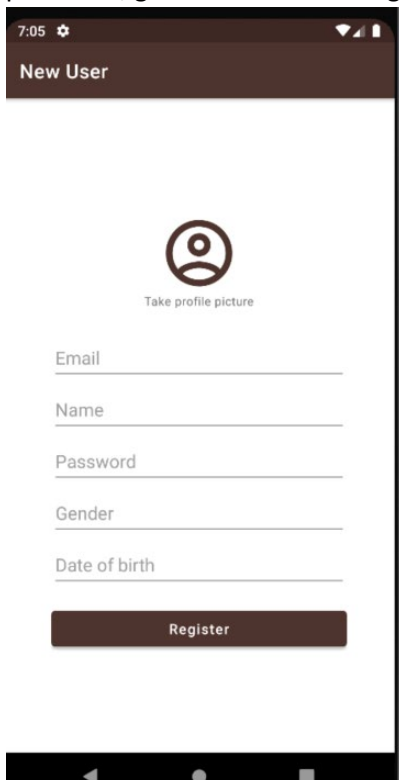
1) Login page,

At login page user can register new account or login by their credentials, also we provide a test account for those user want to try without signing up.



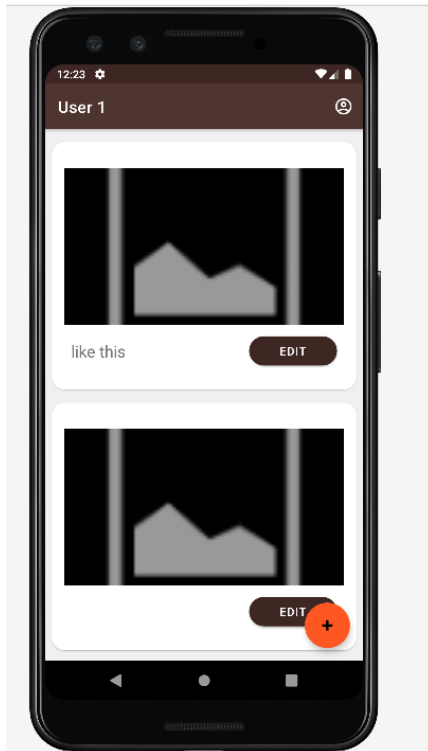
2) New User page

If user use sign-up page to register a new account, user need to provide their email, name, password, gender and DOB to sign up.



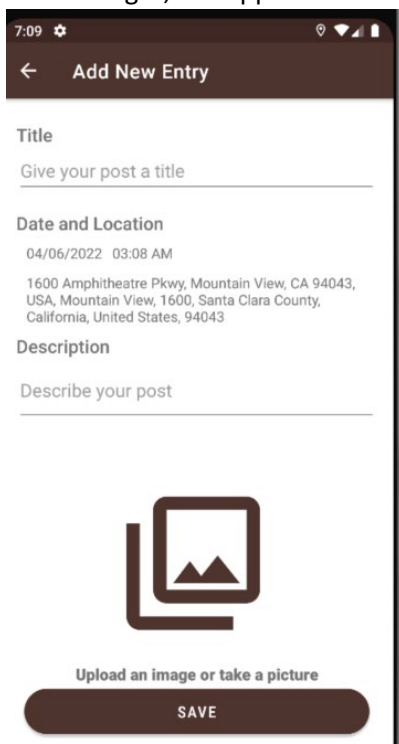
3) User landing page

After use login in, user can view diary lists, click one item to see the details and update or delete one diary. Also in this page user can click add button to add new photo diary.



4) Add new entity page

user can select camera to take a new photo or browser a photo shop to select a photo. At the same time user can add a title, timestamp for the diary if user give this app location services right, our app will record the location of the photo took.



5) Edit photo diary page

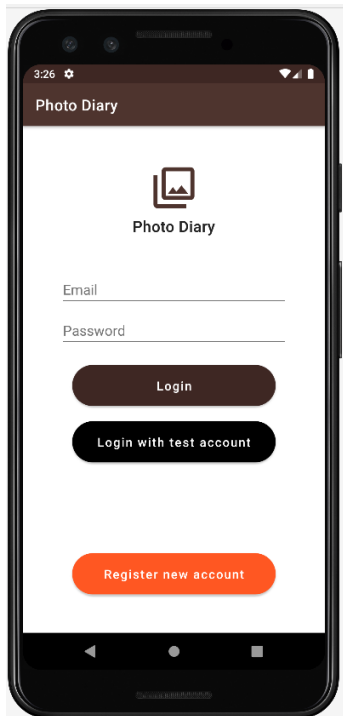
The screenshot shows a mobile app interface for editing a photo diary entry. At the top, there is a status bar with the time 12:25 and a settings icon. Below it is a dark brown header bar with a back arrow and the text 'Photo Diary'. The main content area has a 'Title' label followed by a text input field containing 'like this'. Below that is a 'Description' label followed by a larger text input field. At the bottom of the form, there are two buttons: a red 'DELETE' button and a dark brown 'SAVE' button. The bottom of the screen shows a black navigation bar with three icons: a back arrow, a home circle, and a recent apps square.

6) Edit user profile

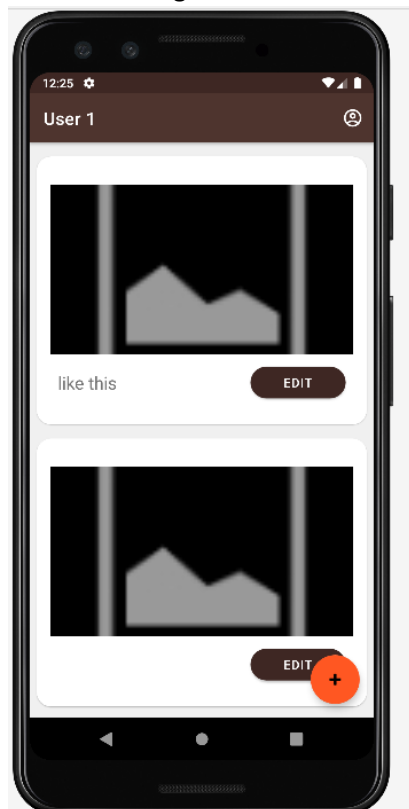
The screenshot shows a mobile app interface for editing a user profile. At the top, there is a status bar with the time 1:25 and a settings icon. Below it is a dark brown header bar with a back arrow and the text 'Edit Profile'. The main content area features a circular profile picture icon with the text 'Take profile picture' below it. Below the profile picture, there are several text input fields: one containing 'guangkuo@gmail.com', one containing 'guangkuo Tian', one with masked characters '*****', one containing 'Male', and one containing '12/11/1989'. At the bottom of the form, there is a dark brown 'Save' button. The bottom of the screen shows a black navigation bar with three icons: a back arrow, a home circle, and a recent apps square.

Sample input-output screenshots to demonstrate all major operations asked

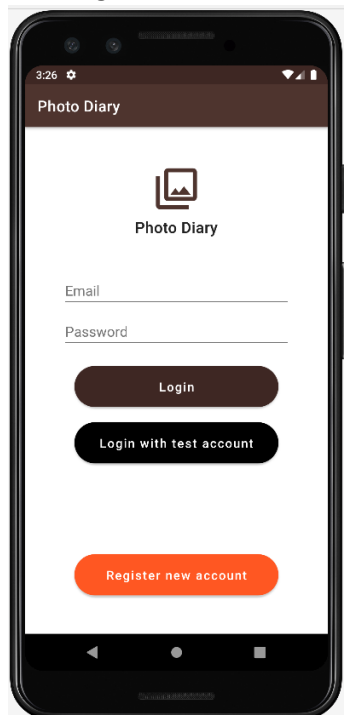
- 1) Login with test account
 - a. Open this application



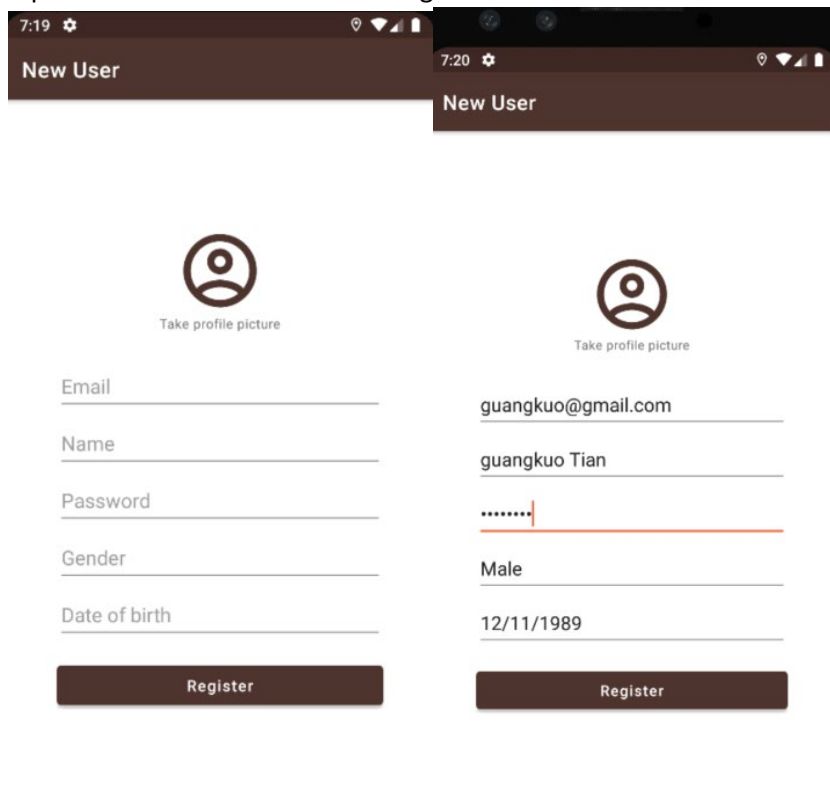
- b. Then click "Login with test account" button, test is ok



- 2) Register new account
 - a. Click register new account

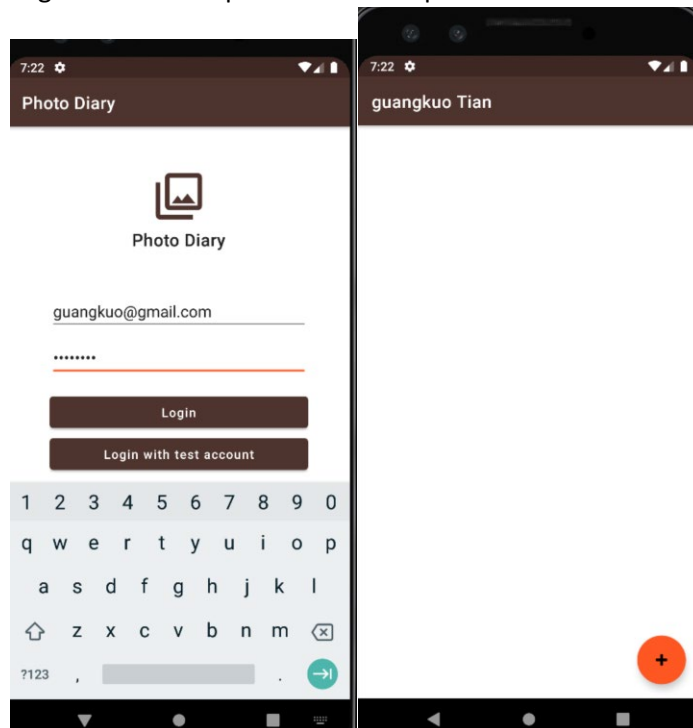


- b. Input user information and click register



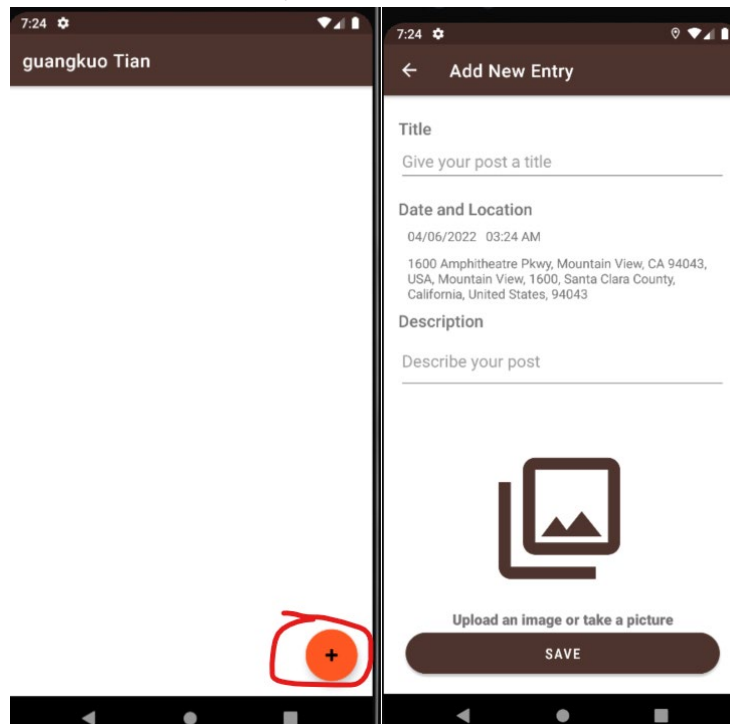
It will show register successful

- 3) Login with user account
a) Login with last step username and password

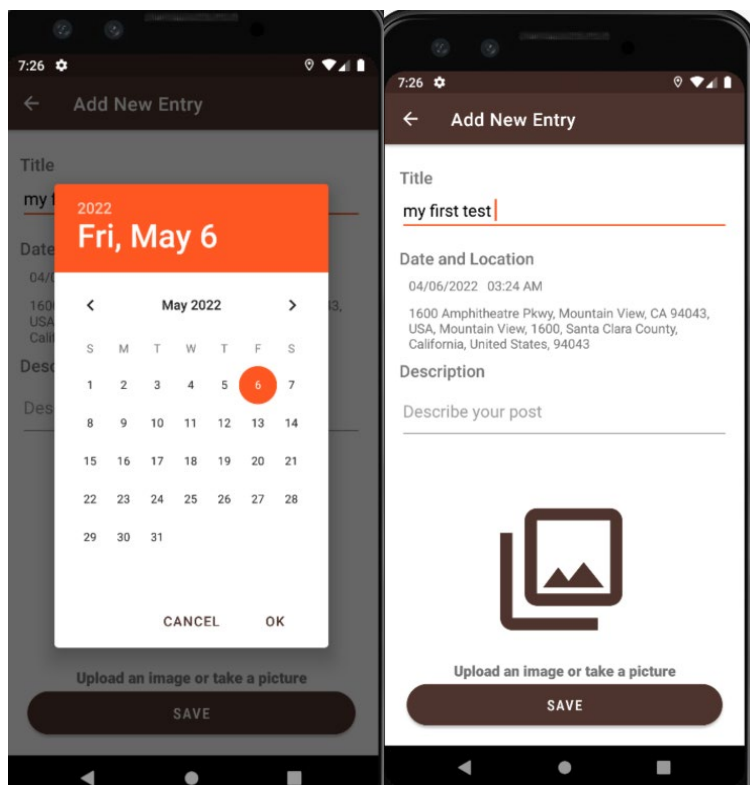


Test is ok, login successfully.

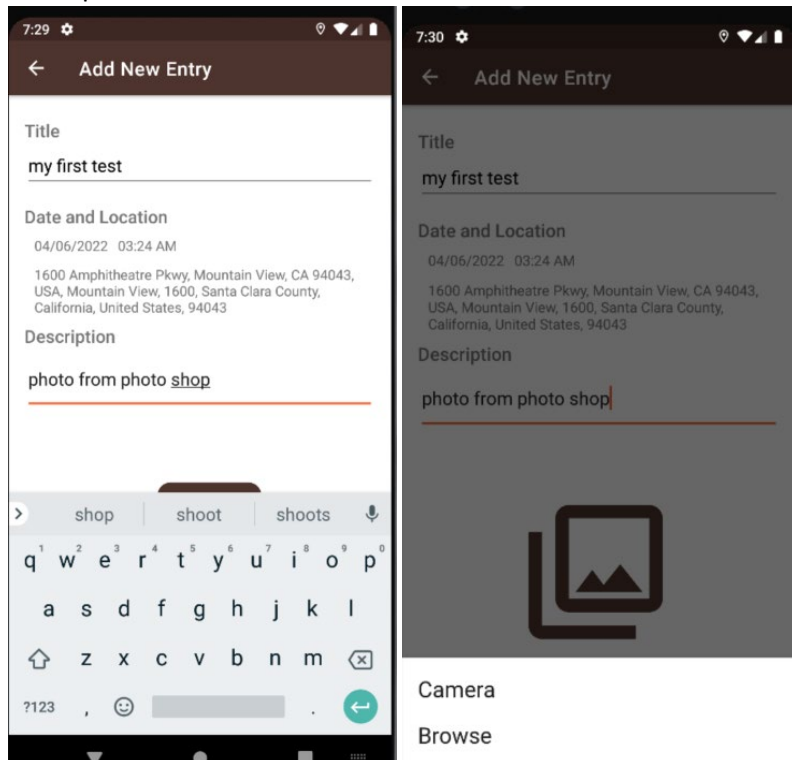
- 4) Add new diary
a. Continue from last test, click add button



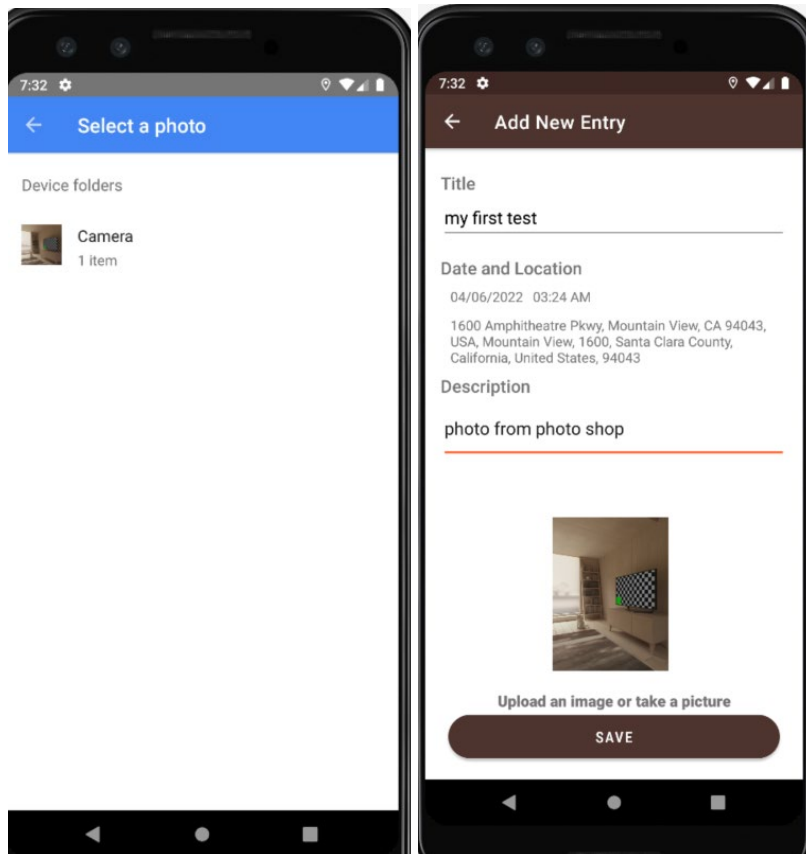
- b. Title can be edited, date can be selected



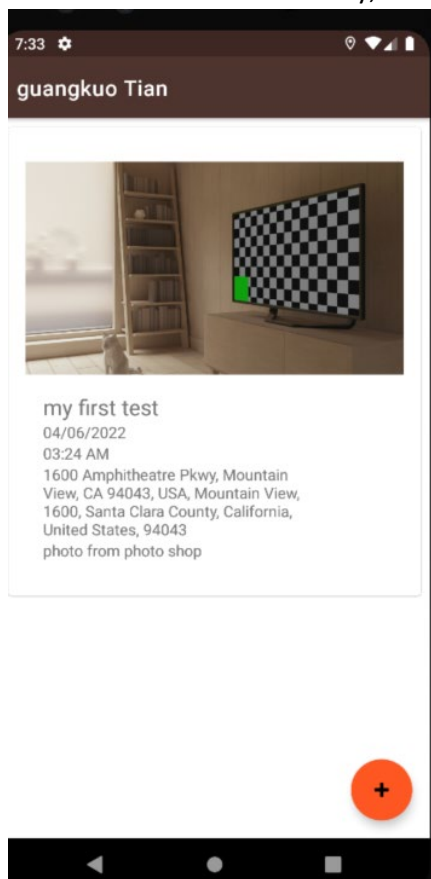
- c. Description can be edited and then choose browser



d. Select one photo

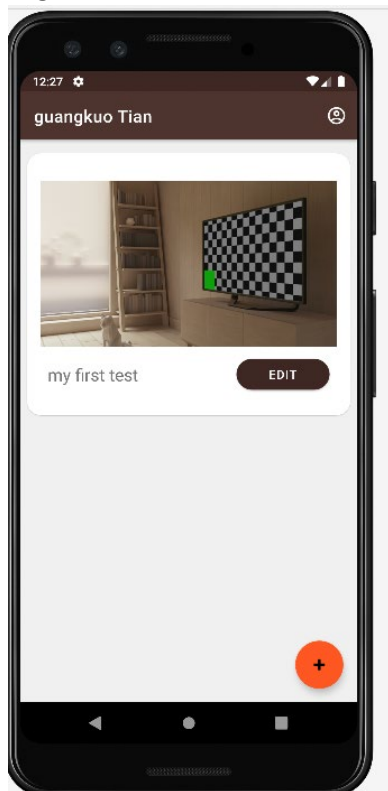


e. Click save button to save diary, and diary is saved successfully.

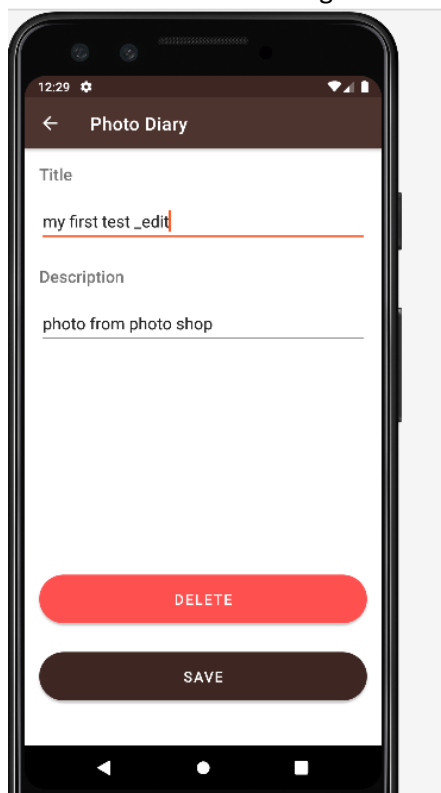


5) Edit diary with some changes

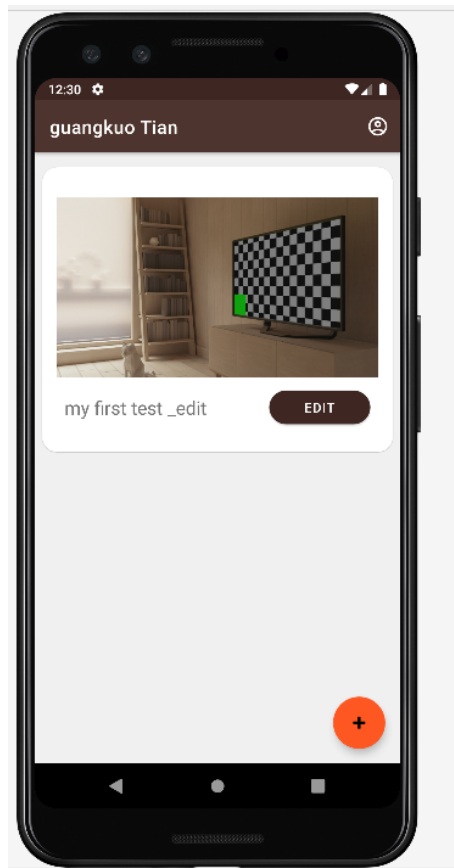
a. Login with account



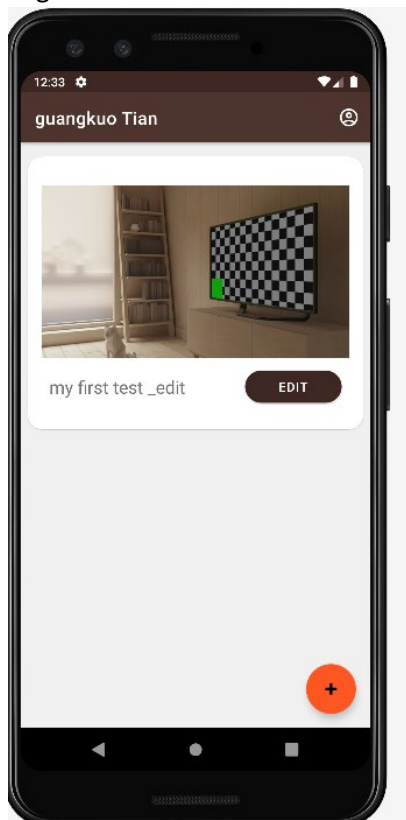
b. Click Edit button and change title name



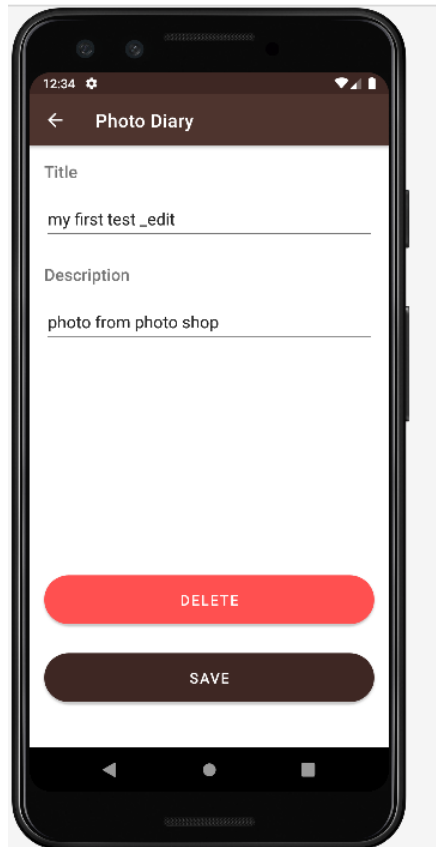
- c. Click save button, we can see diary name has been changed.



- 6) Delete a diary
a. Login with account



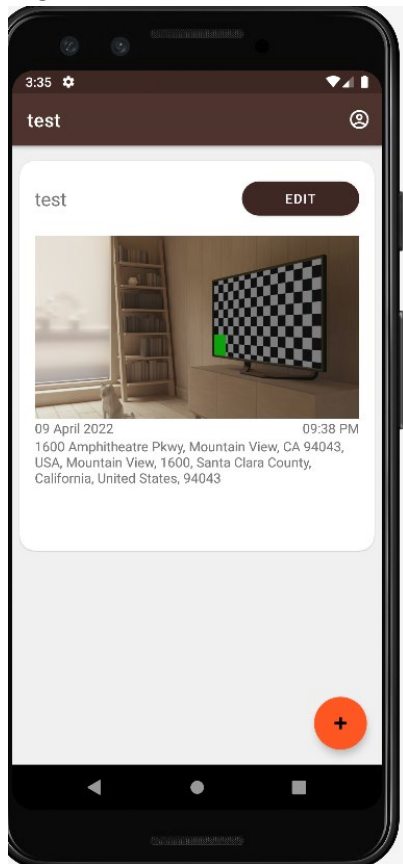
b. Click the edit button



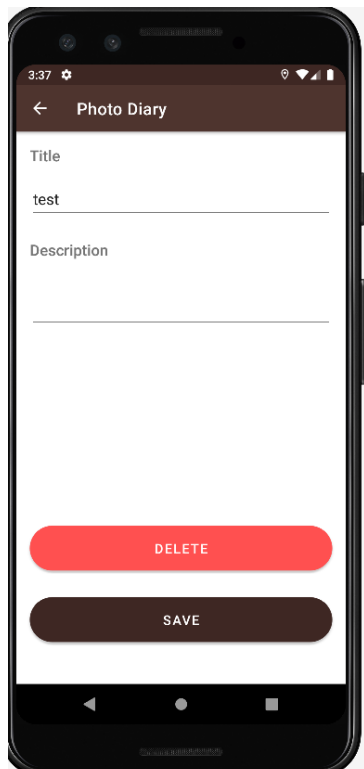
c. Click delete button, we can see diary has been deleted.



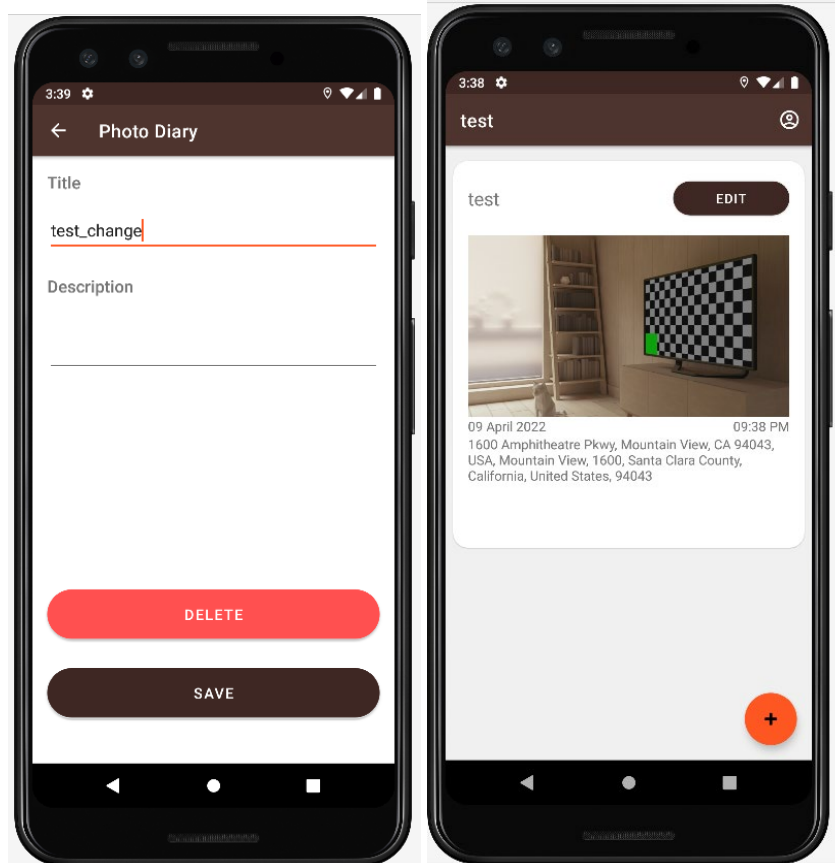
- 7) Edit diary without changing
- a. Login with account



- b. Click the edit button



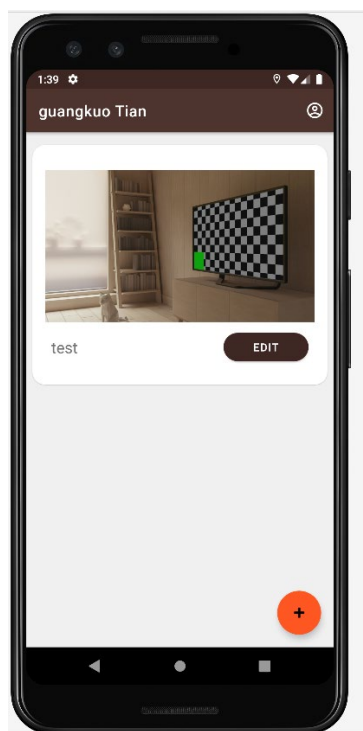
- c. Edit some changes but Click back button without press save button



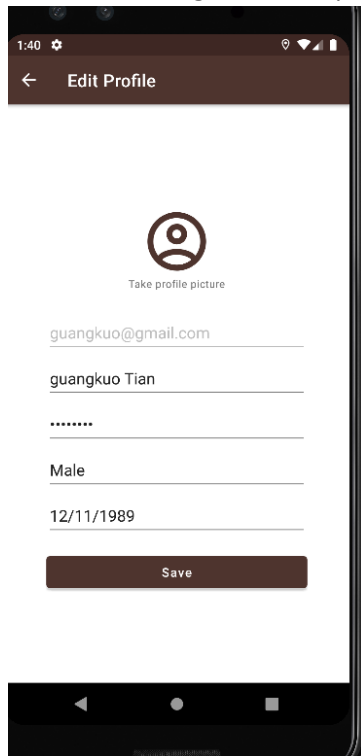
If we don't click save button, nothing will be changed.

8) Edit user profile

- a. Login in with user profile



- b. Click user icon, go into edit profile page



- c. After change username to test, click save. We can see picture below, username has changed.

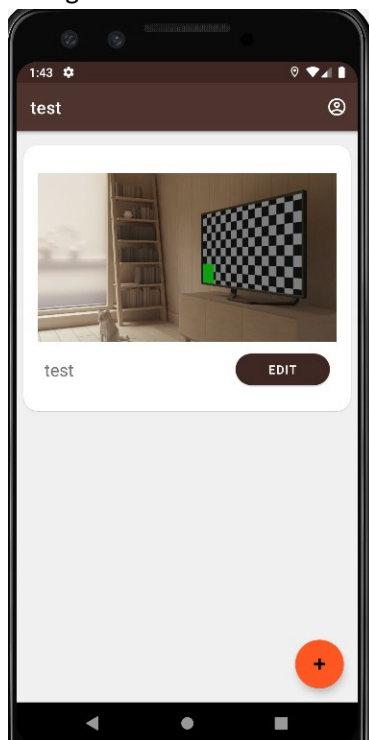


Table 1: Testcase for Photo Diary

Test Description	Expected output	Outcome – Pass?
Login Page		
Login with test account	Able to login through test account button	Yes
Register new account in new page	Route to register page	Yes
Login with registered account	Able to login with registered	Yes
Register page		
Set profile picture with camera capture	Able to set profile picture with camera capture	Yes
Set profile picture with uploading an image locally	Able to set profile picture with uploading an image locally	Yes
Check if email is using the right format	Prompt error message if email does not follow the right format	Yes
Check if name is meet minimum requirement	Prompt error message if name does not meet minimum requirement	Partially, require minimum characters
Check if password meet minimum requirement	Prompt error message if password does not meet minimum requirement	Partially, require minimum characters
Check if data are stored at local database	User account is created and credentials are stored in local database	Yes
Home page		
Diary entries displaying	Diary entries displaying in card format	Yes
Entries information showing	Entries information such as Title, Description, Image, Location, Date and time is displaying properly	Yes
New entry button	Route to New Entry Page	Yes
Edit button	Route to Edit Entry Page	Yes
User profile button	Route to Edit User Profile Page	Yes
New Entry page		
Title and description Input	Able to store a title and description with entry locally	Yes
Date and time Input	Able to input date and time and stored locally	Yes
Location Input	Able to query user's current location and stored with entry locally	Yes
Save entry	Able to save the entry with all input information in local database	Yes

Check if title and description meet minimum requirement	Prompt error message if title and description does not meet minimum requirement	Partially, require minimum characters
Check if image is uploded	Prompt error message if no image is uploaded	No
Edit Diary		
Edit Title	Able to modify the title input	Yes
Edit Description	Able to modify the title input	Yes
Delete entry	Able to delete the diary entry	Yes
Save edited entry	Able to update and store the modified diary entry in local database	Yes
User Profile		
Profile image change	Able to update and store the new profile image through upload or camera capture	Yes
Update password	Able to update a new password for the user account	Yes
Update name	Able to update a new name for the user account	Yes
Update gender	Able to update a new gender for the user account	Yes
Update birthdate	Able to update a new birthdate for the user account	Yes