

ELECTRONIC ASSIGNMENT COVERSHEET



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Assignment number	A2
Assignment name	Assignment two
Tutor	Aaron Yeo Sze Wee

Student's Declaration:

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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

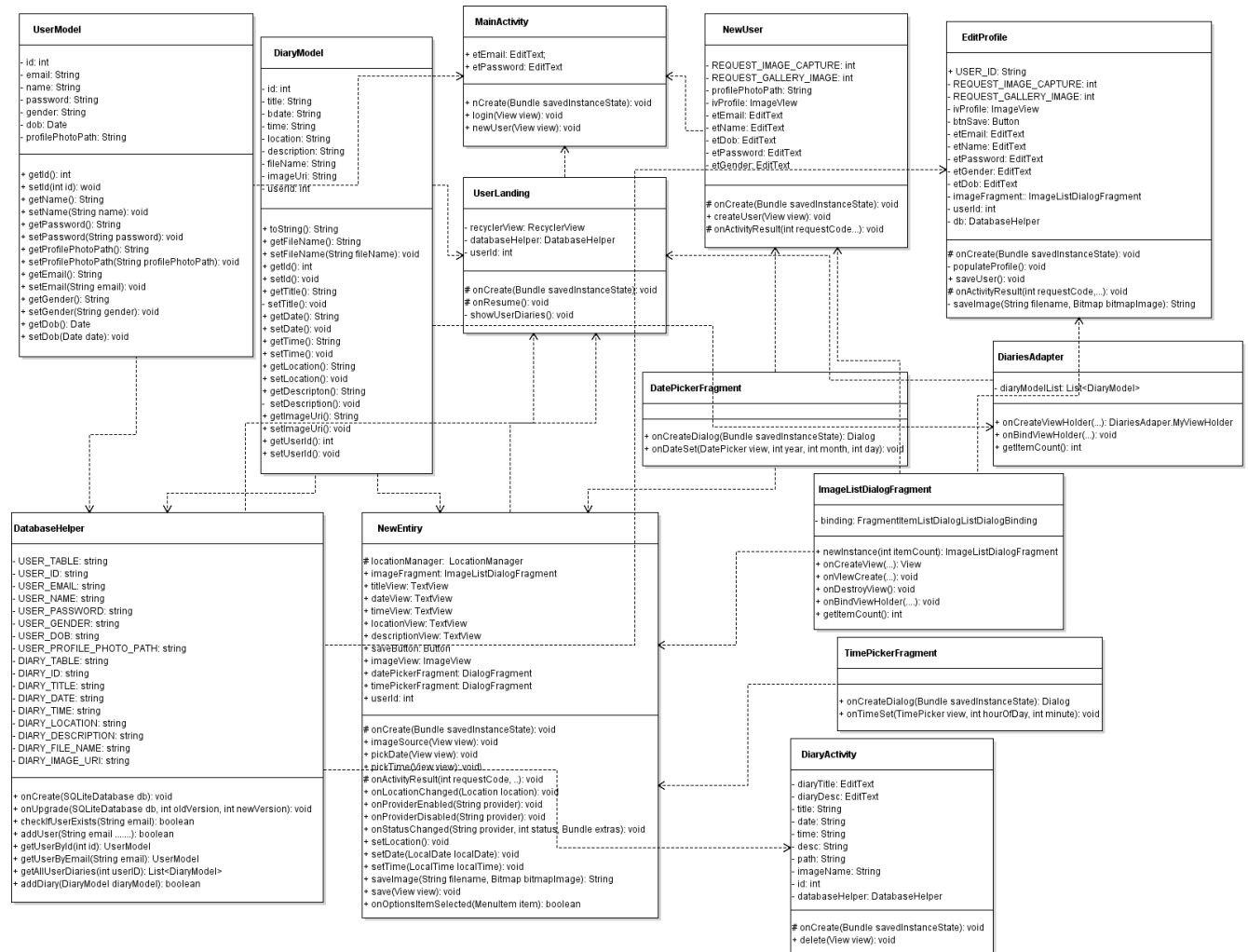


Figure 1 Photo Diary Class diagram

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.

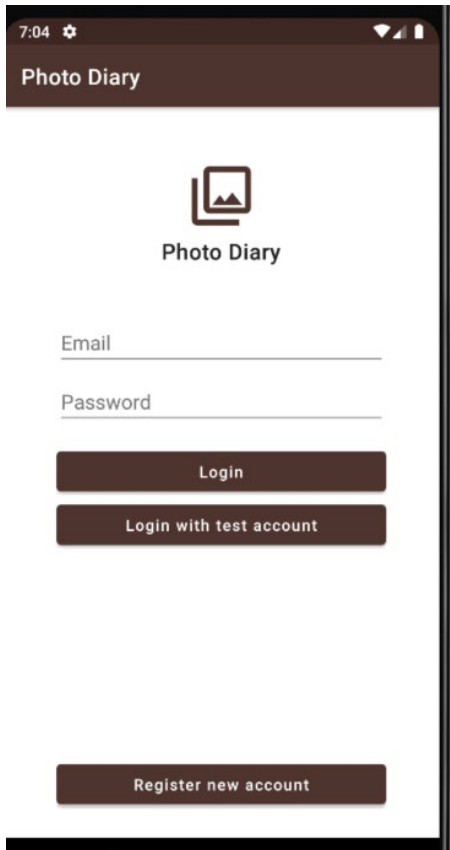
After user signed up, user can sign in. Then user can view diary lists, click one item to see the details and update or delete one diary. Also in this page user can click add button to add new photo diary.

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

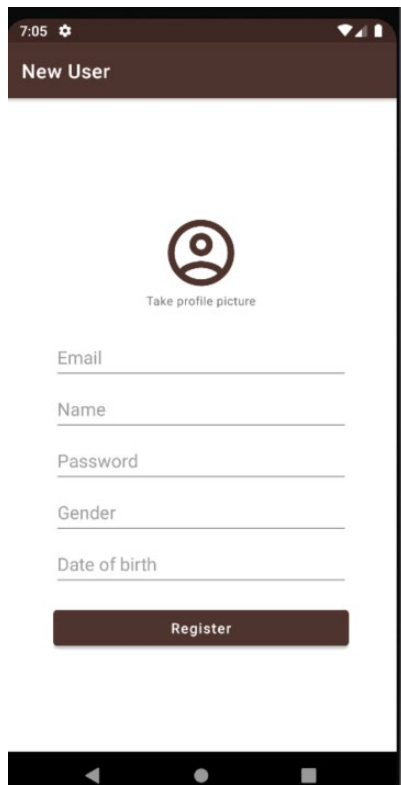
1) Login page,

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.

A screenshot of a mobile application interface for 'Photo Diary'. The top status bar shows the time as 7:04 and various icons. Below the status bar is a dark brown header with the text 'Photo Diary'. The main content area is white and features a logo consisting of a square with a mountain and a sun icon, with the text 'Photo Diary' below it. There are two input fields: 'Email' and 'Password', each with a light gray underline. Below these fields are two dark brown buttons: 'Login' and 'Login with test account'. At the bottom of the form is a dark brown button labeled 'Register new account'.

2) New User page

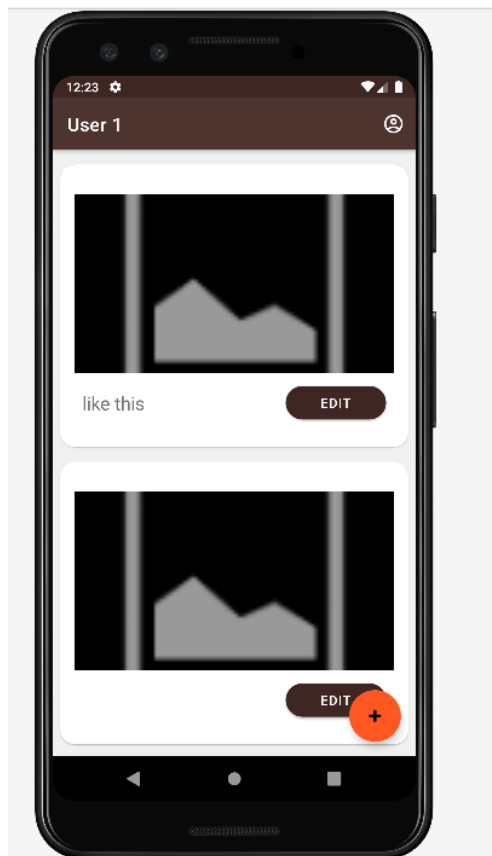
If user use sign-up page to register a new account, user need to provide their email, name, password, gender and DOB to sign up.



The image shows a mobile application screen for a 'New User' registration. At the top, the status bar shows the time as 7:05 and various icons. The app's header is dark blue with the text 'New User'. Below the header is a large circular icon with a person silhouette and the text 'Take profile picture'. Underneath are five input fields: 'Email', 'Name', 'Password', 'Gender', and 'Date of birth'. At the bottom is a dark blue button labeled 'Register'.

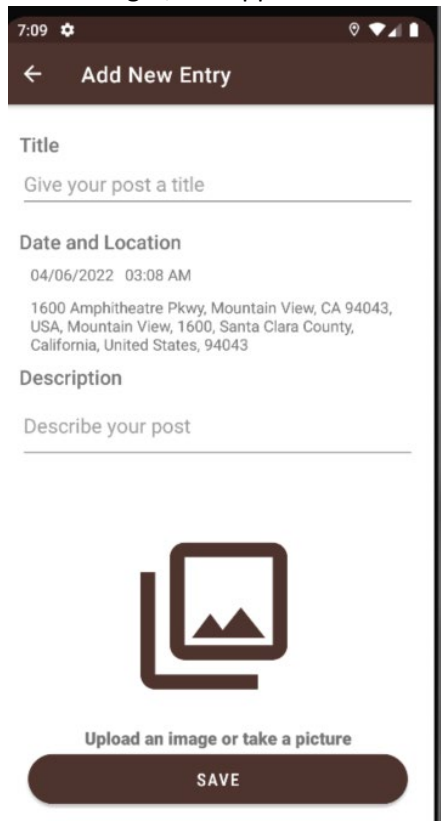
3) User landing page

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.



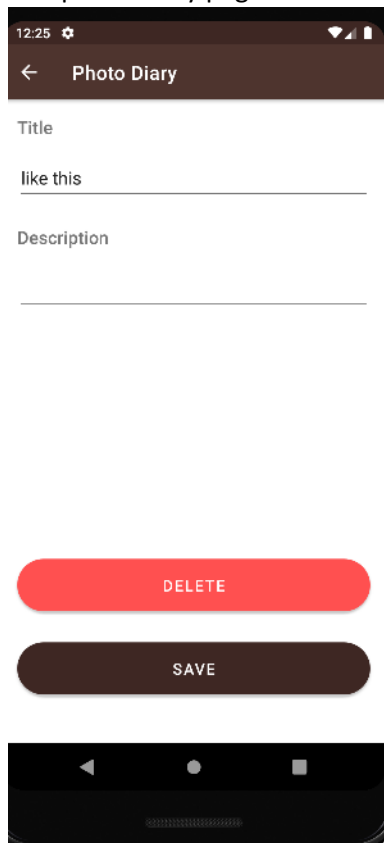
4) Add new entity page

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.



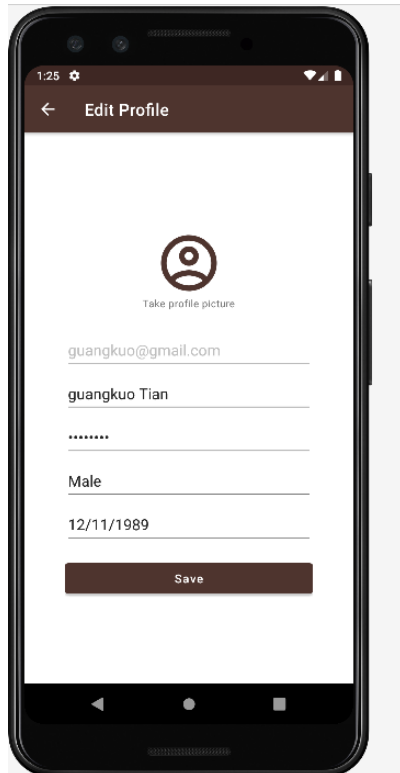
The screenshot shows a mobile app interface for adding a new entry. At the top, there's a dark blue header with a back arrow and the text "Add New Entry". Below the header, the form has three main sections: "Title" with a placeholder "Give your post a title", "Date and Location" with a timestamp "04/06/2022 03:08 AM" and a detailed address "1600 Amphitheatre Pkwy, Mountain View, CA 94043, USA, Mountain View, 1600, Santa Clara County, California, United States, 94043", and "Description" with a placeholder "Describe your post". Below these sections is a large icon representing a photo upload, with the text "Upload an image or take a picture" underneath it. At the bottom of the form is a dark blue button labeled "SAVE".

5) Edit photo diary page



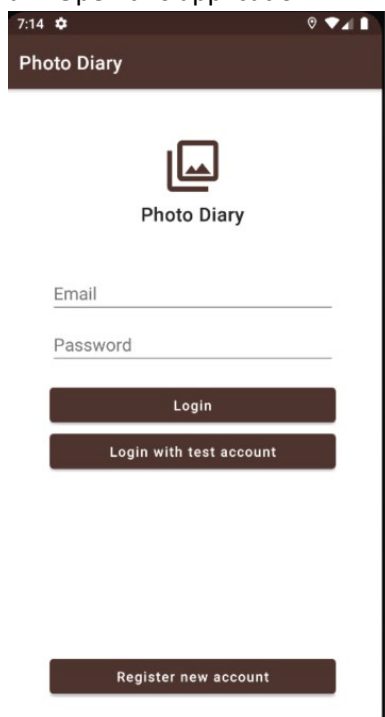
The screenshot shows a mobile app interface for editing a photo diary entry. At the top, there's a dark blue header with a back arrow and the text "Photo Diary". Below the header, the form has two main sections: "Title" with a placeholder "like this" and "Description" with a placeholder. Below these sections are two buttons: a red button labeled "DELETE" and a dark blue button labeled "SAVE". At the bottom of the screen, there's a black navigation bar with three icons: a back arrow, a home circle, and a square. Below the navigation bar, there's a small text "© 2021/06/06/2022".

6) Edit user profile

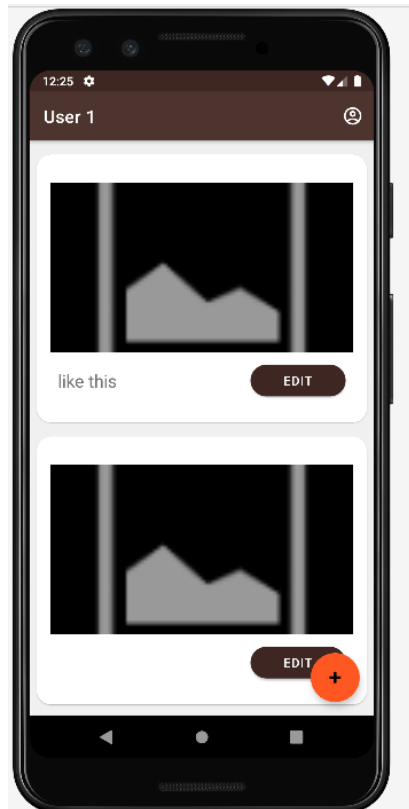


Sample input-output screenshots to demonstrate all major operations asked

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

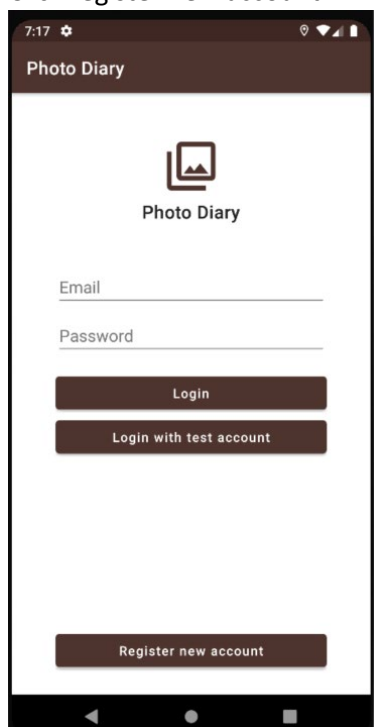


- b. Then click “Login with test account” button, test is ok

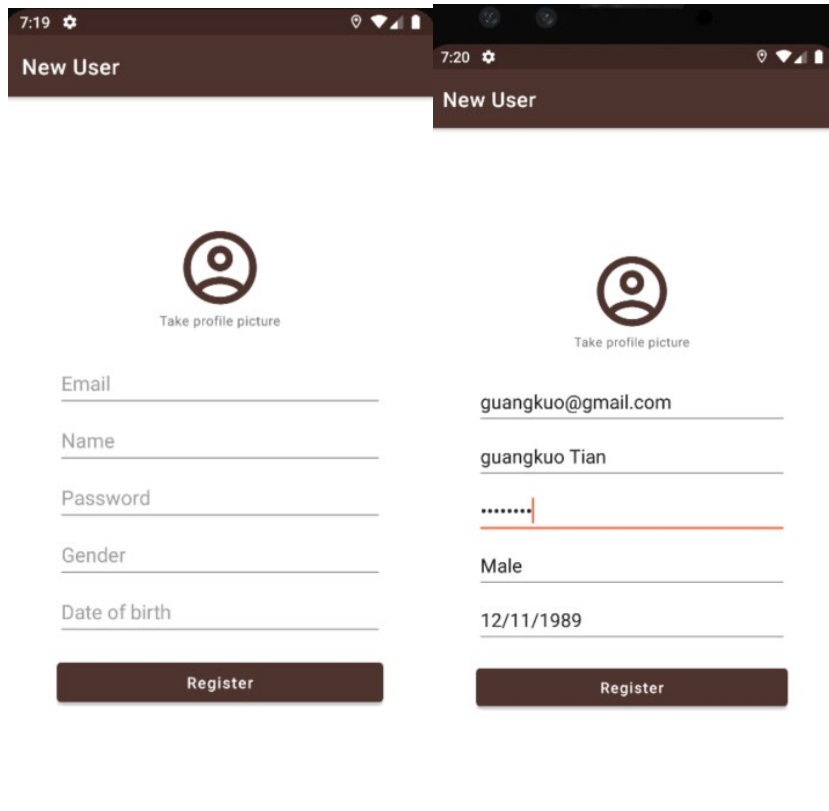


2) Register new account

- a. Click register new account



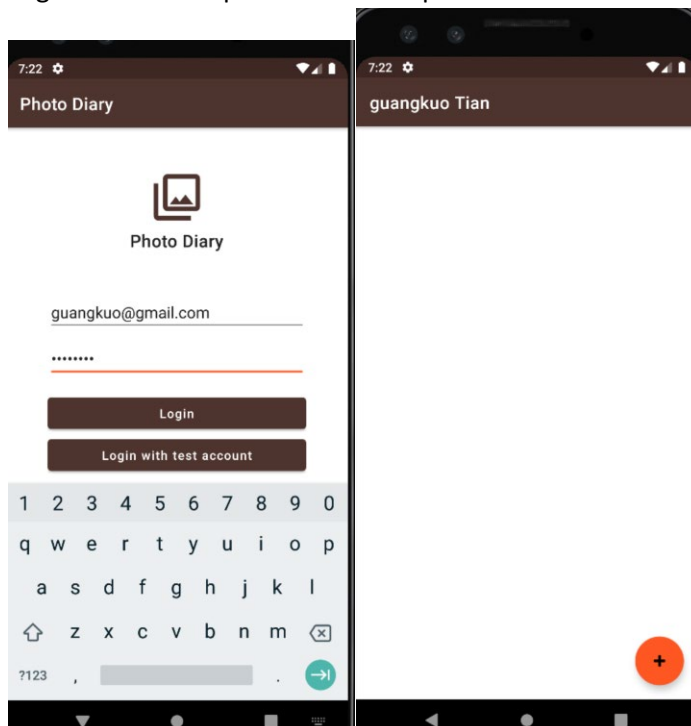
- b. Input user information and click register



It will show register successful

- 3) Login with user account

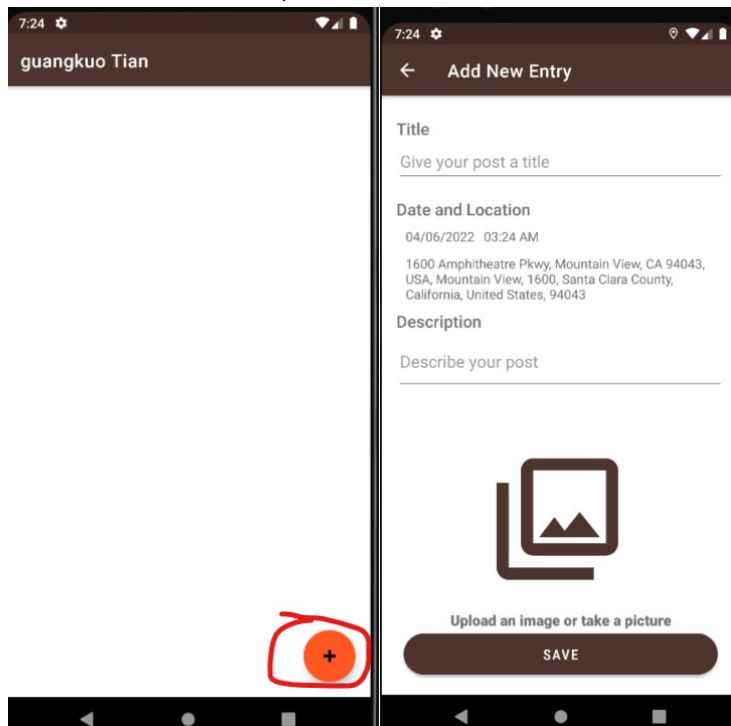
- a) Login with last step username and password



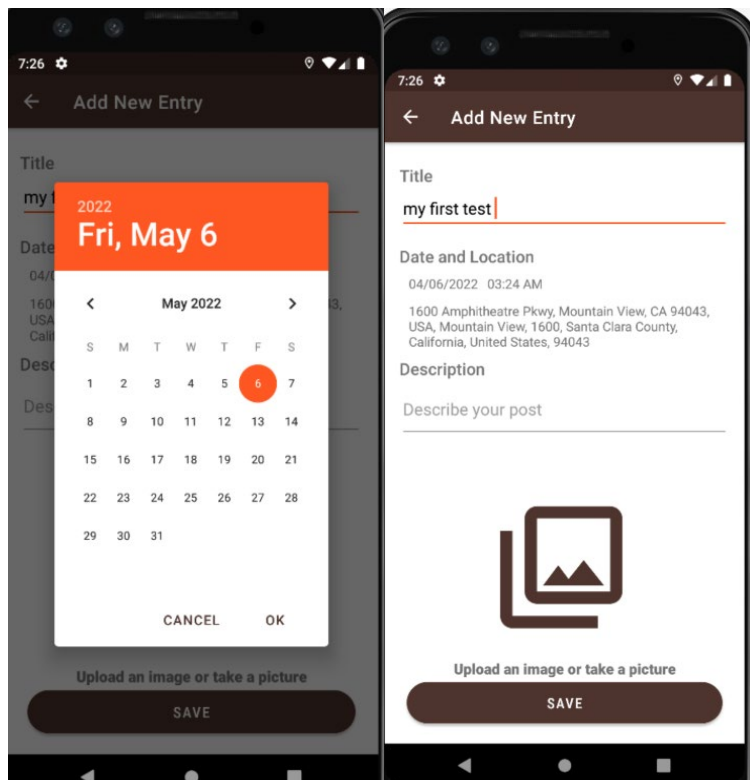
Test is ok, login successfully.

4) Add new diary

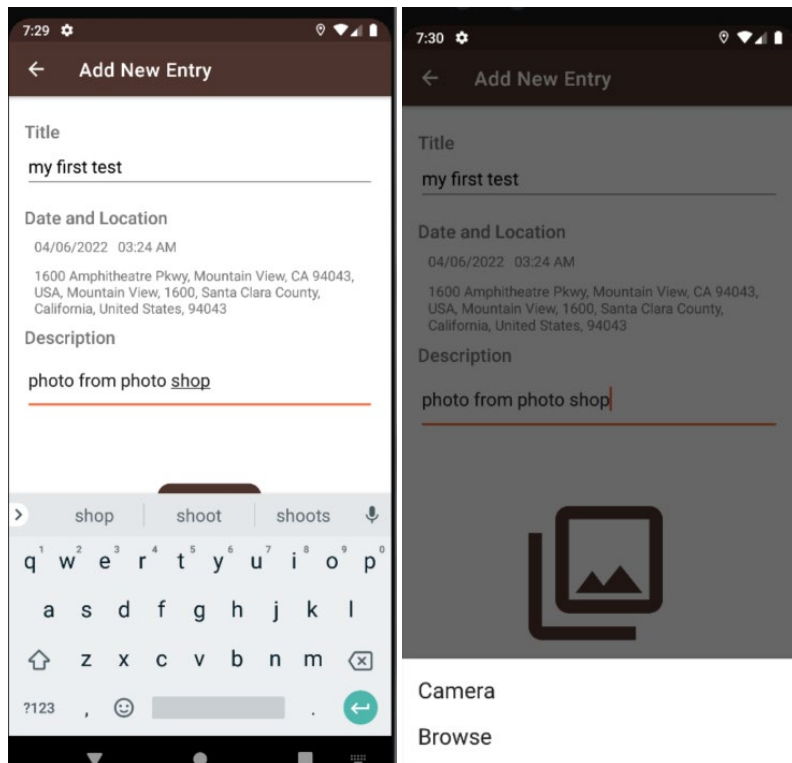
- a. Continue from last test, click add button



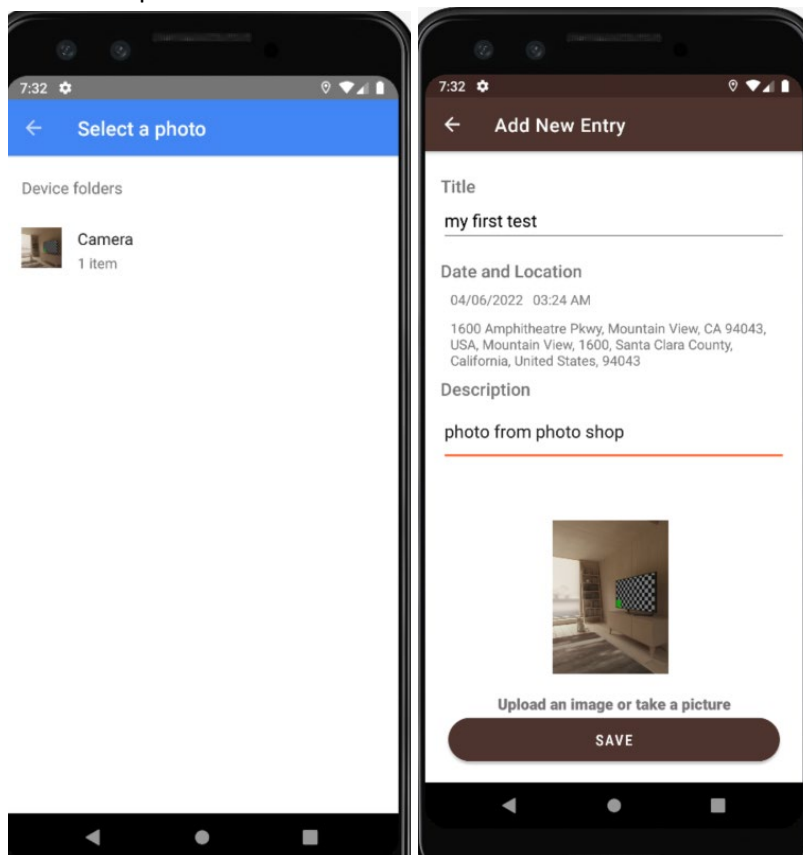
- b. Title can be edited, date can be selected



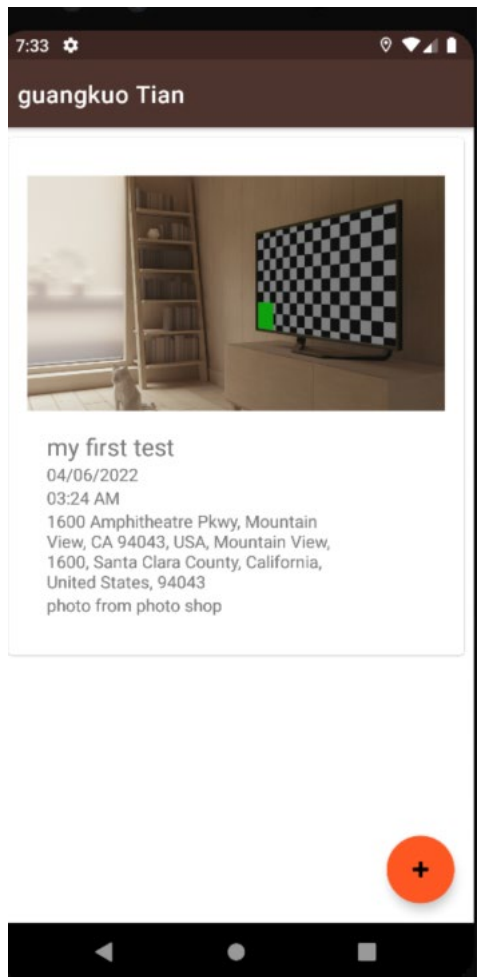
- c. Description can be edited and then choose browser



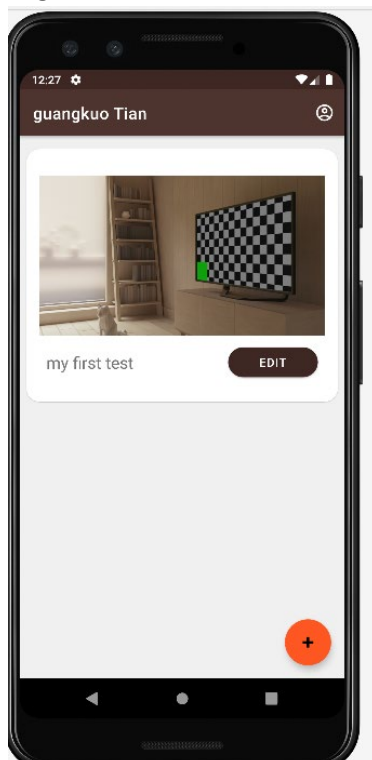
d. Select one photo



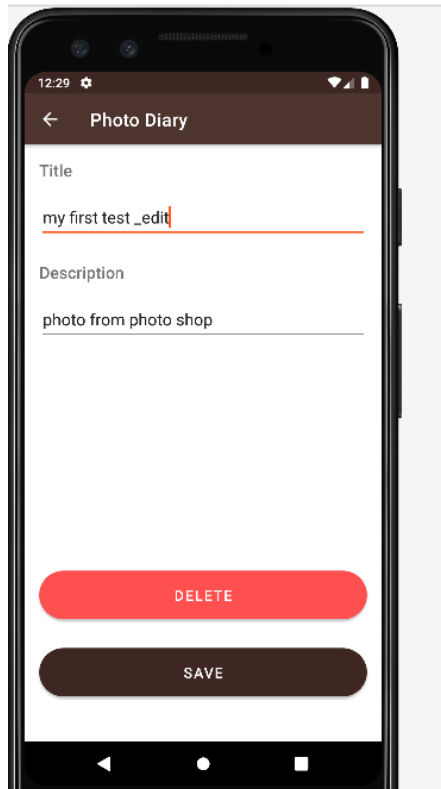
e. Click save button to save diary, and diary is saved successfully.



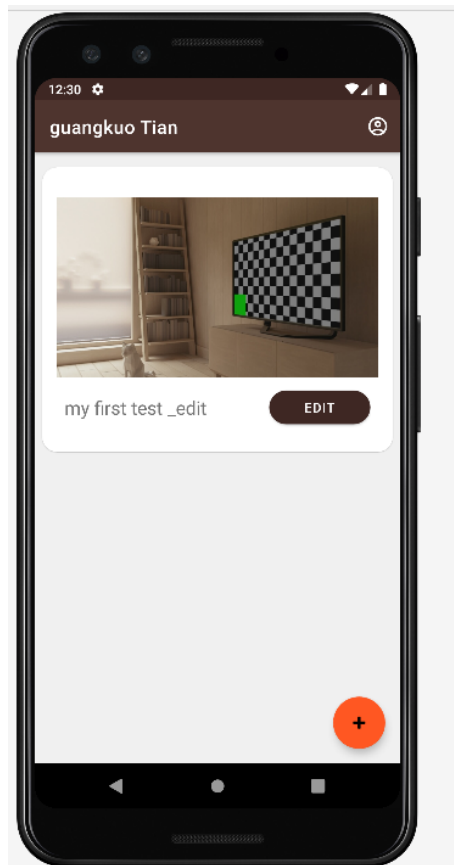
- 5) Edit diary
 - a. Login with account



- b. Click Edit button and change title name

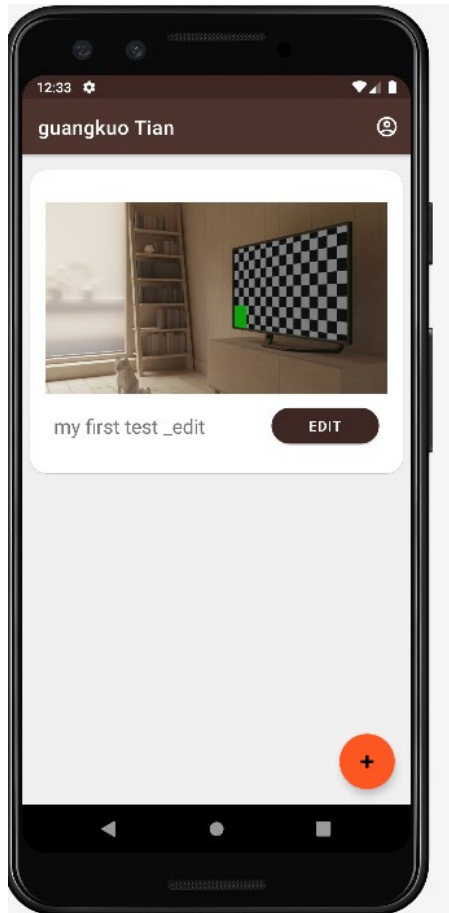


- c. Click save button, we can see diary name has been changed.

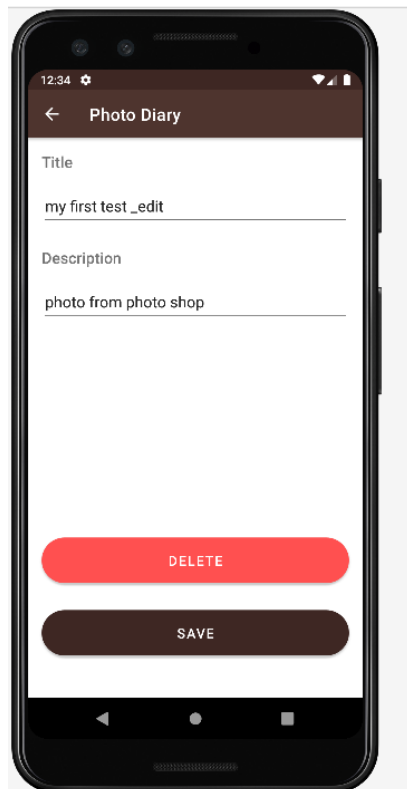


- 6) Delete a diary

a. Login with account



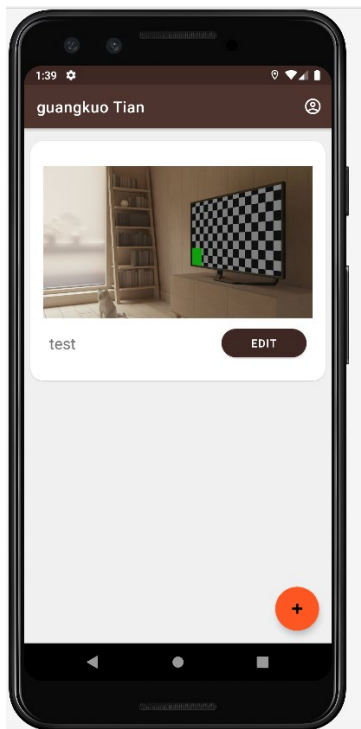
b. Click the edit button



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



- 7) Edit 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.

