

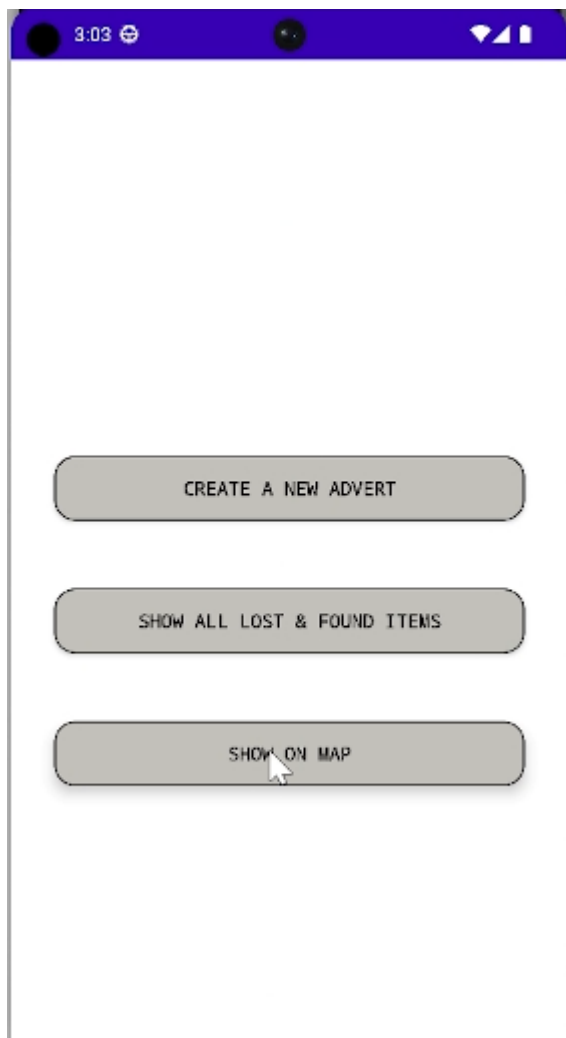
DEAKIN UNIVERSITY

SIT708 MOBILE APPLICATION DEVELOPMENT

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GITHUB FOR THIS TASK: <https://github.com/ngtronghoang97/Lost-and-Found-ver2>



This is the background, which is on the first screen.



Post Type : ☒ Lost ☐ Found

Name

Phone

Description

Date

Location

SAVE

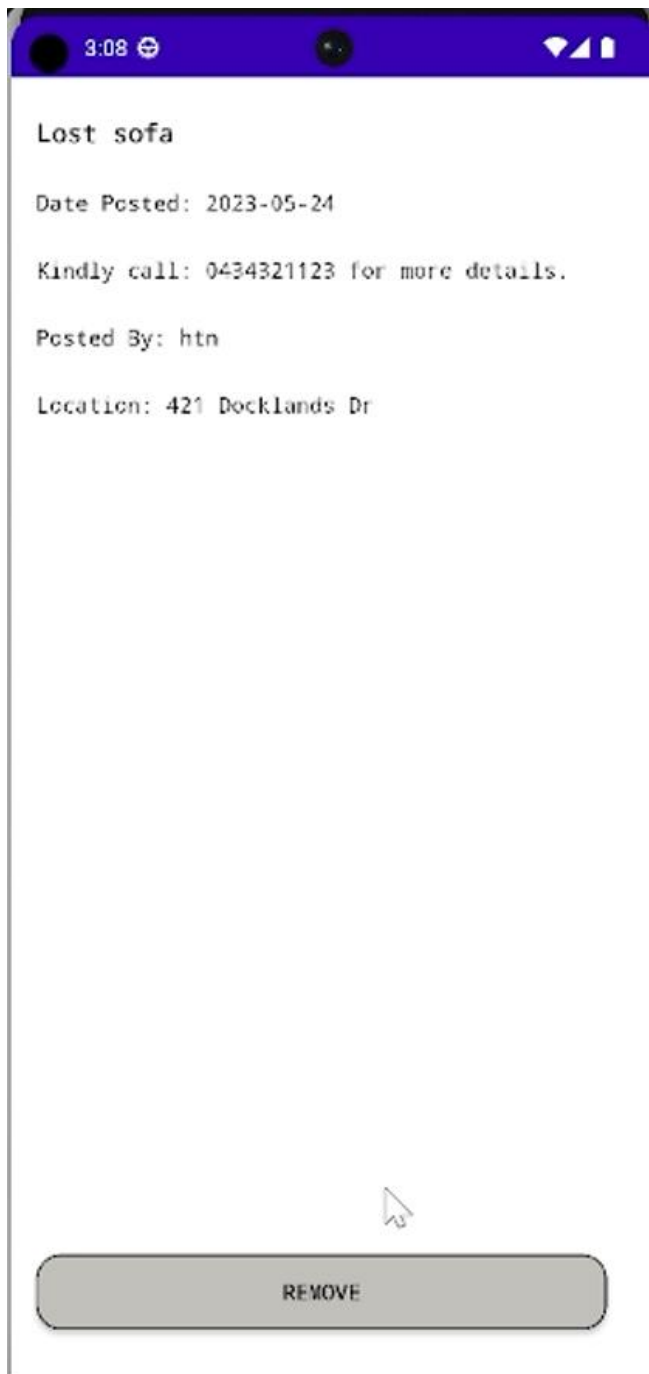
Create a lost or found item screen



LOST & FOUND ITEMS

Lost sofa

Show all lost and found items screen



Item details and remove button



Show item in google map

Task for SIT708:

This app can be developed in several ways, such as user accounts, search items, notifications and in-app messages. To be more specific, as for user accounts, users can save their preferences and authenticate their information. Furthermore, they can easily message each other to peer-to-peer confirm individual items. Following that, developers can add a report form for scamming or other reasons and issue certain warnings or punishments.

To implement user accounts, developers deploy a user registration and login system using a secure authentication framework, and these user profiles are stored in a database. Then, they may create a search field and get the item information from the database before showing the requested items. In terms of notifications, application send alerts to users' smartphones using Firebase Cloud Messaging or a comparable push notification service and create triggers in backend to notify users via push notifications when new lost or recovered items are uploaded that fit their saved search criteria or are in the region they have defined or that meet other criteria. In the app, manage incoming notifications so that users may see alerts. In the same way for reporting and feedback, app provide a way for users to report listings that are false or deceptive within the app and set up a form or a separate screen where people may submit reports. After that, create a backend procedure to manage user feedback and conduct the necessary measures, including

evaluating and eliminating erroneous listings, and install a feedback system so that users may make recommendations or report problems. Additionally, developers can give users the option to contact support staff via email or a contact form. Like other applications, this one allows users to make direct contact within the application, which makes it more convenient to know the status of the items.