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Masro2a App

Description

If you find a suspicious vehicle and you suspect that's stolen then Masro2a App is you app as it's intended as a platform for stolen car owners to look for their stolen vehicles or report suspicious vehicle.

Intended User

- Any stolen car owner that's looking for his car.
- Anyone who suspects that a certain vehicle is stolen and wants to report it.

Features

- Report suspicious/stolen cars.
- Takes picture.
- Adds report location.
- List of posted reports of users.

User Interface Mocks
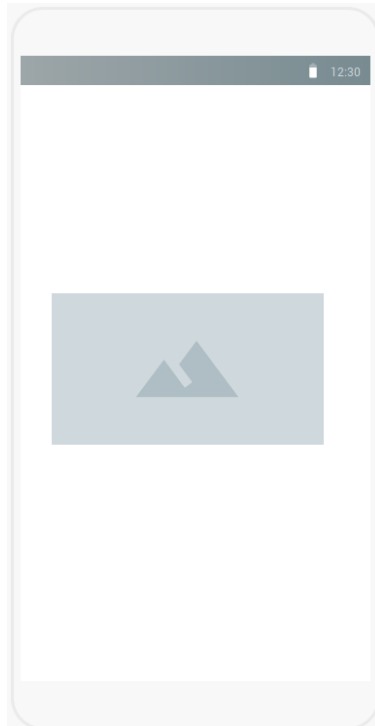
Screen Listing

Screen Details

Screen Add Report

Widget Screen
- will contain an image of the latest report and clicking on it wil go to it's details fragment

Key Considerations

How will your app handle data persistence?

The application will be using Firebase realtime database to persist data and retrieve data.

Describe any edge or corner cases in the UX.

If the user chose to add a new report using the fab then a new screen to add new report is launched and the user can get back to the listing screen using the top back button.

Describe any libraries you'll be using and share your reasoning for including them.

Picasso to handle the loading and caching of images.
Matisse to handle image selection and capturing.

Describe how you will implement Google Play Services or other external services.

Play-services-places to get user selected car location.

Webservice/API handling

The app pull or send data to/from a web service or API only once, or on a per request basis (such as a search application), so the app will use an IntentService to do so.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Configure libraries
- Configure App base structure and network layer
- Configure Firebase

Task 2: Implement UI for Each Activity and Fragment

- Build UI for ListingFragment
- Build UI for DetailsFragment
- Build UI for AddReportFragment

Task 3: Configure Firebase database

Configure Firebase database and set the required tables for the reports lisitng and details.

- Configure Firebase realtime database
- Configure Firebase Storage to save images

Task 4: Fragments Logic

- Work on Fragments Logic