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AKME ENCORE

Description

This app is a Closed Community App for the residents of Akme Encore Apartments.
It Lists and provide easy, one stop access to all the contacts which are frequently used by residents on day-2-day basis, providing a separate sections for different services types like Facilities, Vendors, Emergency etc.
With this app residents can be free of storing the respective contacts locally and also didn't need to be worry about frequently changing contact details, as this app will always publish the updated contact details.

Intended User

This App is for the residents of the AKME ENCORE Apartment residents/community.
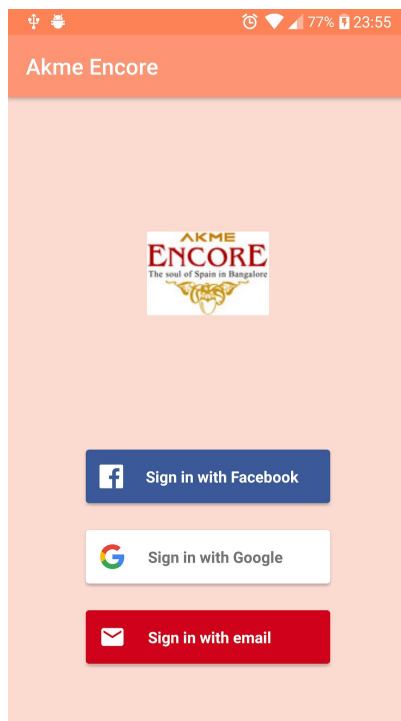
Features

Main Features of this app are:
- Different Login Options to access the Community details
- Display Contacts details of different service in separate sections/tabs
- Display Classifieds/ads by & for the residents/community
- EMail-Interface for reaching the community governing body/representatives
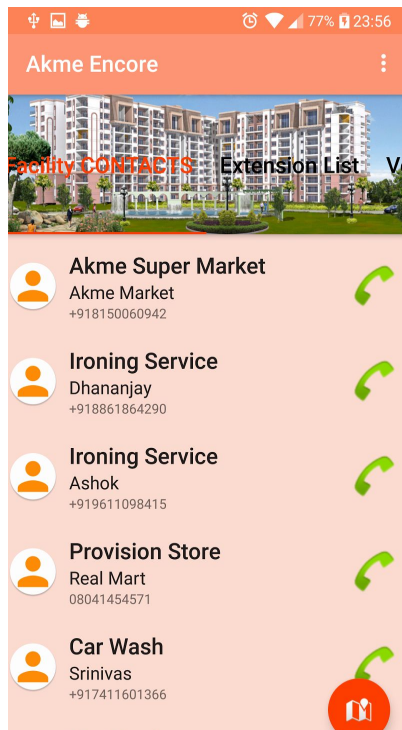- Show the Apartments location in Maps which can be shared further with the visitors

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.
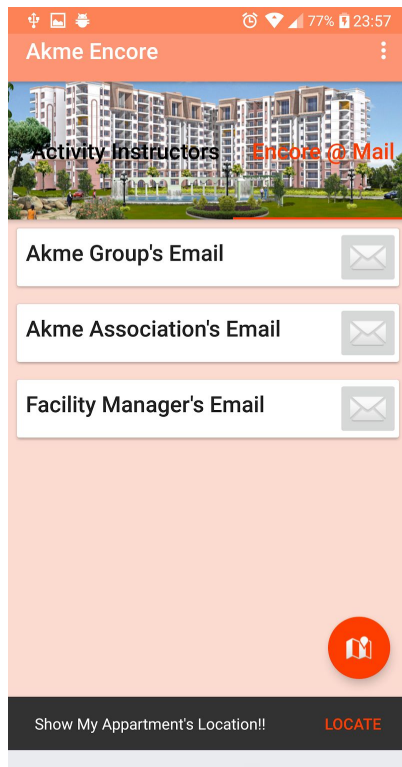
Screen 1: **This is the Main Screen with different login options**

Screen 2,3,4: Display Different Tabs for different Sections

Facilities Extension List

Sl. No.	PARTICULARS	INTERCOM
1	FACILITY MANAGER	8000
2	SECURITY Second gate	8888
3	1A BLOCK ENTRANCE LOBBY	1000
4	1B BLOCK ENTRANCE LOBBY	2000
5	1C BLOCK ENTRANCE LOBBY	3000
6	1D BLOCK ENTRANCE LOBBY	4000
7	2A BLOCK ENTRANCE LOBBY	5000
8	2B BLOCK ENTRANCE LOBBY	6000
9	2C BLOCK ENTRANCE LOBBY	7000
10	2B BLOCK BASEMENT	9001
11	MAIN GATE SECURITY	7777
12	CLUB HOUSE MAIN ENTRANCE	3336
13	CLUB HOUSE GYM ROOM	6666
14	2B ELECTRICAL ROOM	6111
15	Iron room	4444
16	Akme Shop	2222

Screen 5: Display Tab for Email Access to Management committee

Screen 6: Displays apartment location on the click of snackbar
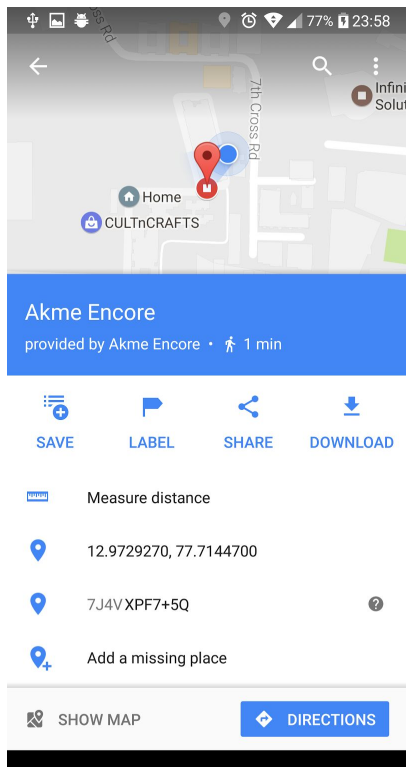
Key Considerations

How will your app handle data persistence?

The data displayed is stored in Firebase DB & using Firebase Realtime database & storage API's it will be displayed to user, with its persistent feature enabled

Describe any corner cases in the UX.

While Login through facebook it shows two progress bars one from Firebase & one from facebook sdk.
Have to think/decide on how to display the screen/layouts for larger screens

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

Library used so far are:
Firebase Libraries(ui,auth,storage) for rdb features
Glide for loading the images

Describe how you will implement Google Play Services.

Google Maps for showing the Location of the apartment which can be further shared with the visitors

Next Steps: Required Tasks

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

Task 1: Project Setup

- Configure required libraries in Build.gradle
- Create a Firebase Console Login & register my project there and subsequently create the DB/storage with contact details , images etc.

- Create the Facebook Developers login, register the project there & follow steps to enable facebook login in the app
- Follow the Firebase docs to handle/implement the login, db & storage features in the app

Task 2: Implement UI for Each Activity and Fragment

Create the Tab layout for showing different sections for different type of contacts, corresponding to similar Data Endpoints on the Firebase Remote DB

- Apply App theme for the Firebase UI Login activity
- Build UI for different fragments which will be placeholder for different sections
- Build snackbar with an option for "locating" the fixed location
- Build UI for Email screen

Task 3: Widget & multi screen support

- Implementing Widget for the app
- Think of displaying screens in large screen devices as i don't have any detail screen to show in my app

Task 4: Content provider

- Have to figure out as to why & how to have the Content provider in the app so as to meet rubrics requirement

Task 5: Notifications

- Sending Events to the community through app Notifications

Task 6: Release build /Publishing app

- Have to understand steps on publishing the app on playstore