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Help Plus

Description

Help Plus is a messaging app that uses social accounts to get or provide help to someone in need.With the app one can get in touch of the government authorities directly with their social accounts. Use the best of social networking tags to get and provide help.

Intended User

This app is for all who need any kind of help or willing to help someone in trouble, can connect to people in their network.

Features

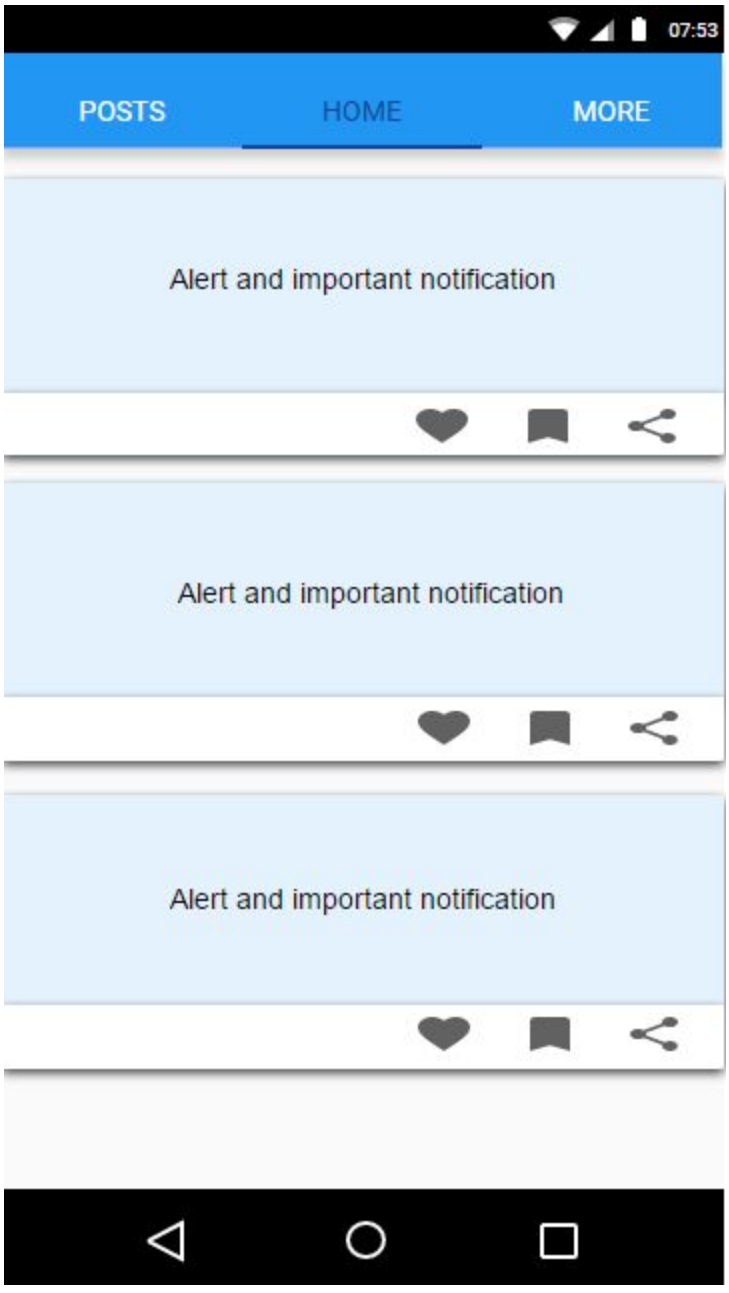
- Connects you with the government authorities,your all social network from within app.

- Keeps you posted about any natural disasters like flood, earthquake.
- User can post their message to social networks on just a tap.
- Provides all the steps needed in case of any emergency.

User Interface Mocks

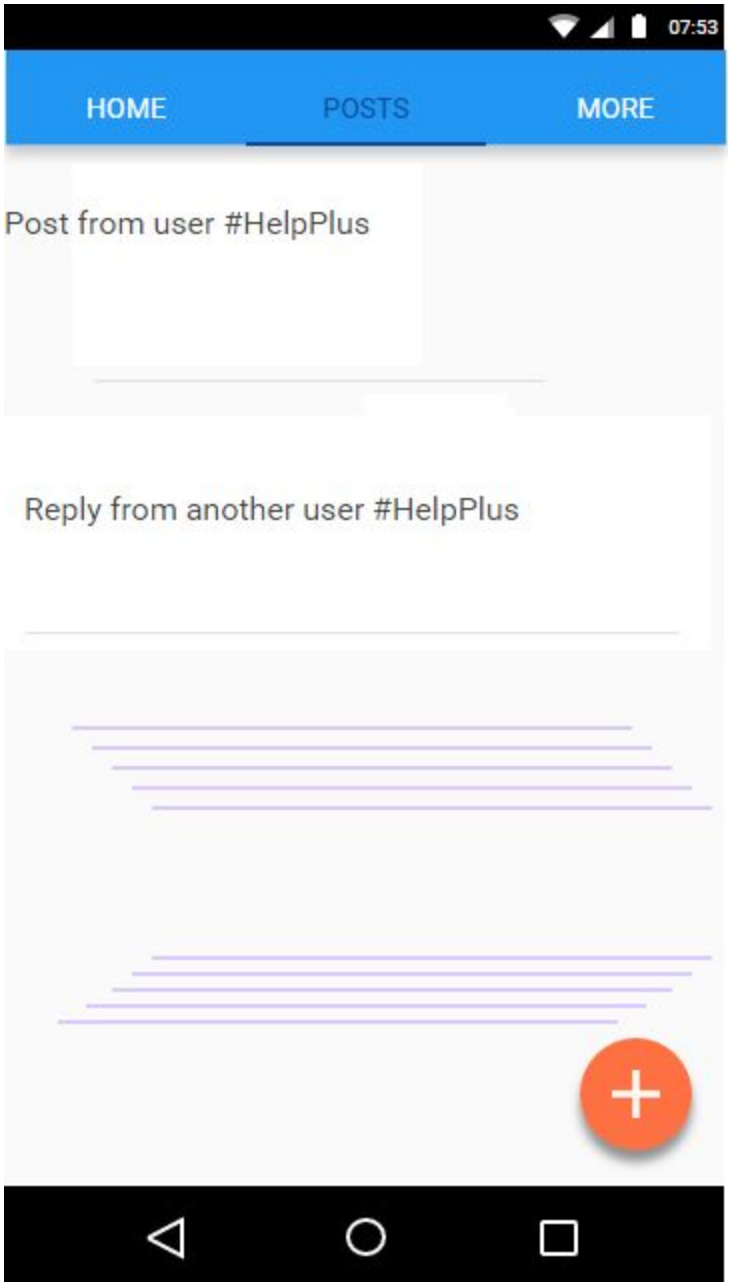
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



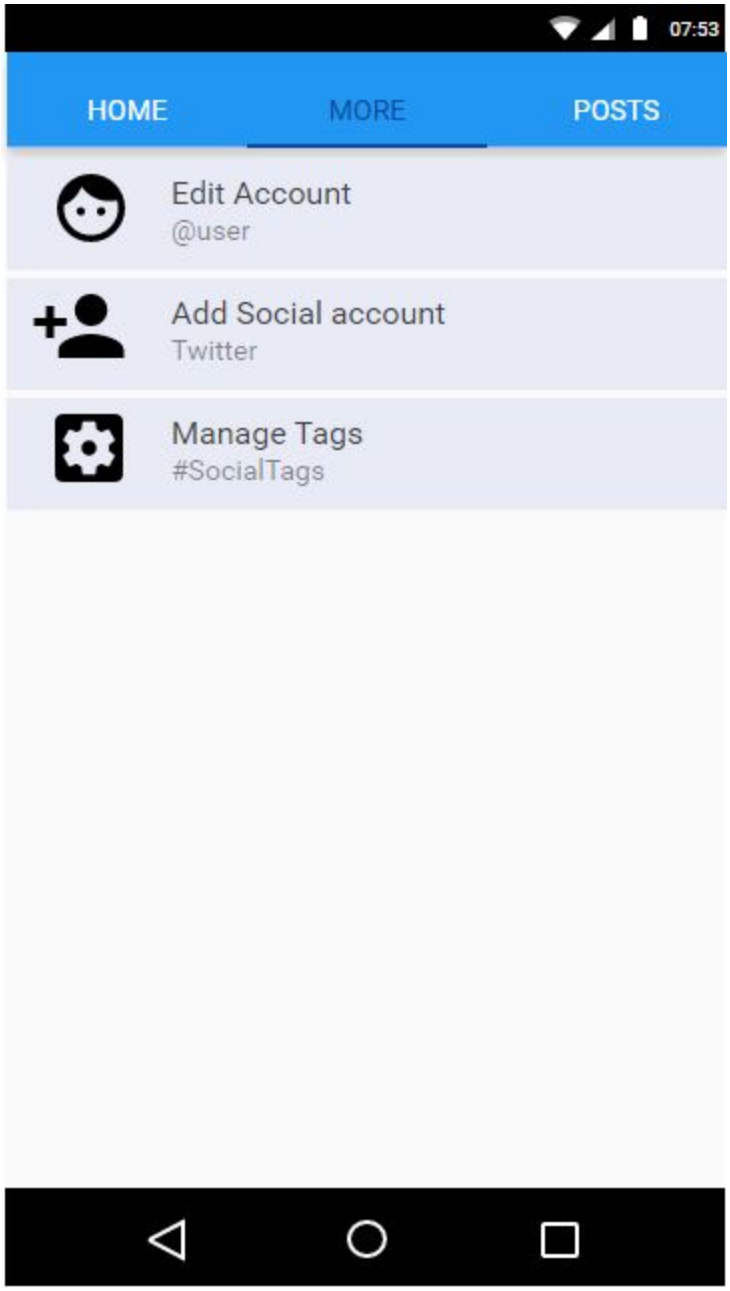
In the app home screen latest notifications and alerts will be shown in cards.

Screen 2



In POSTS tab user can ask for help by posting a message to social networks.

Screen 3



There will be settings and configuration on MORE tab.

Key Considerations

How will your app handle data persistence?

I will use firebase and content providers for data persistence.

Describe any corner cases in the UX.

The app will use view pager so user can swipe screen to use features of application.

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

Picasso or Glide to handle the loading and caching of images.
Twitter api to authenticate users' social network and for posting messages.
Retrofit api to fetch data over network.
ButterKnife for binding views.

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

This app will use firebase for fetching and storing data, so first step will be to configure firebase for this project.

- Configuring firebase by adding firebase gradle dependency:

```
dependencies {
    compile 'com.firebase:firebase-client-android:2.5.2+'
}
```

- Configuring material design libraries:
  ```
  compile 'com.android.support:design:22.2.0'
  ```

- Configuring twitter library:
  ```
  dependencies {
  compile('com.twitter.sdk.android:twitter:1.14.1@aar') {
  transitive = true
  }
  ```

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity that will contain all the fragments.
- Build UI for each tab page i.e. Home tab, Post tab and Settings tab.

Task 3: Implementing Social network API

Next task will be to implement the twitter api to enable app send a post.

Subtask will be:

- Creating send new post layout
- Handling Images for posts.
- Handling error cases.

Task 4: Implement UI for each setting menu

This task will include creating UI and sub UI for application settings, subtask will include:

- Create layout for “edit account” feature.
- Create layout for adding any social account.
- Creating layout for adding Tags and User accounts.

Task 5: Implementing notification and alert feature

This task will include creating notification and alert features to show on home screen tab:

- Create layout
- Something else