
GitHub Username: jibinms

FindPharma

Description

FindPharma is an app for finding pharmacies on a location. It will list out registered pharmacies and app will provide an en-route to the pharmacy location.
App also can provide all the medicines available. User can search through this medicine list. And find out the pharmacies where it is available.

Intended User

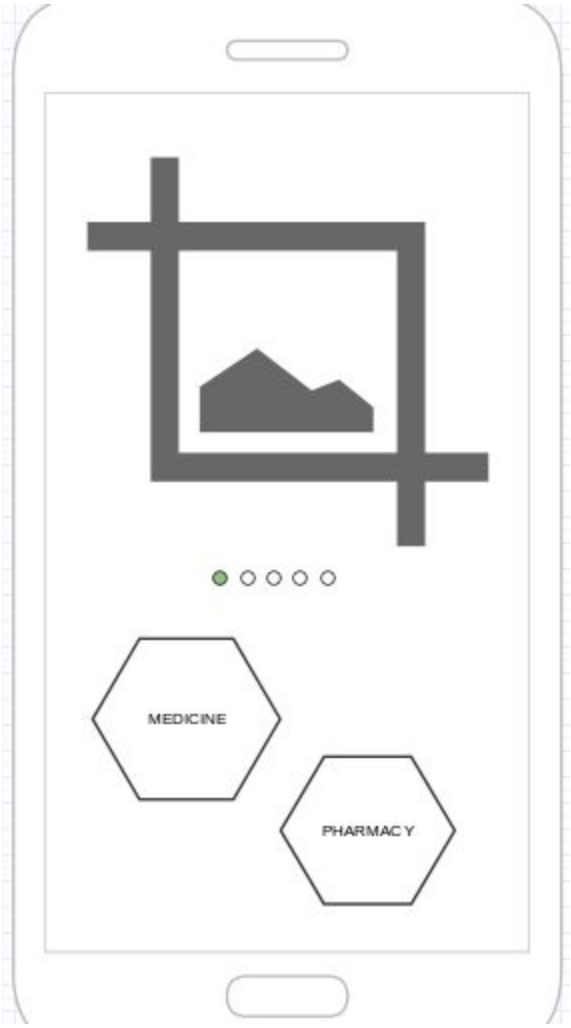
This app is for those who needs location of pharmacies. They can search pharmacies around them.

Features

- Providing information about pharmacies
- List out medicines
- Route to particular pharmacy
- Details of medicine
- Notifications
- Calling feature

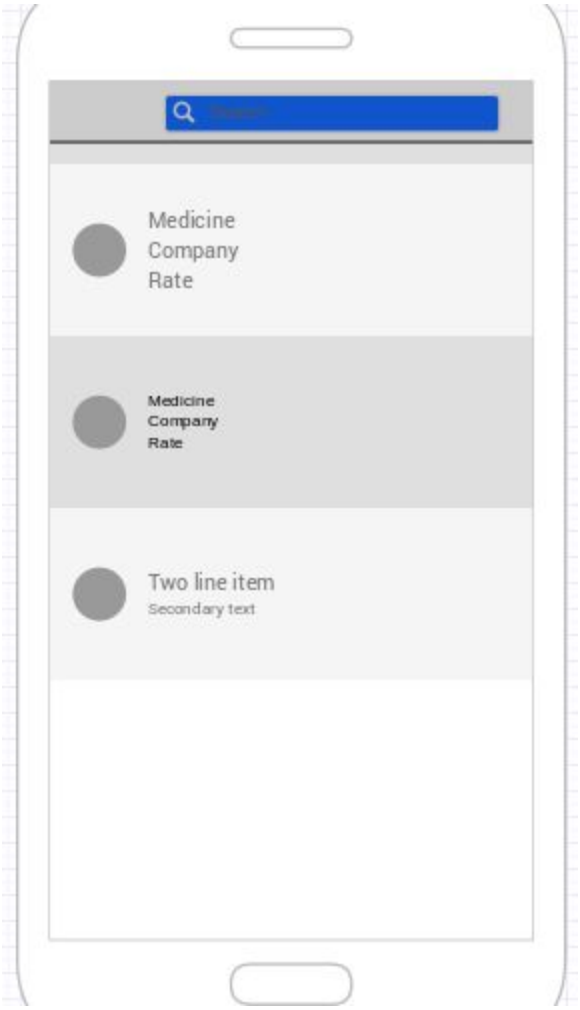
User Interface Mocks

Screen-1



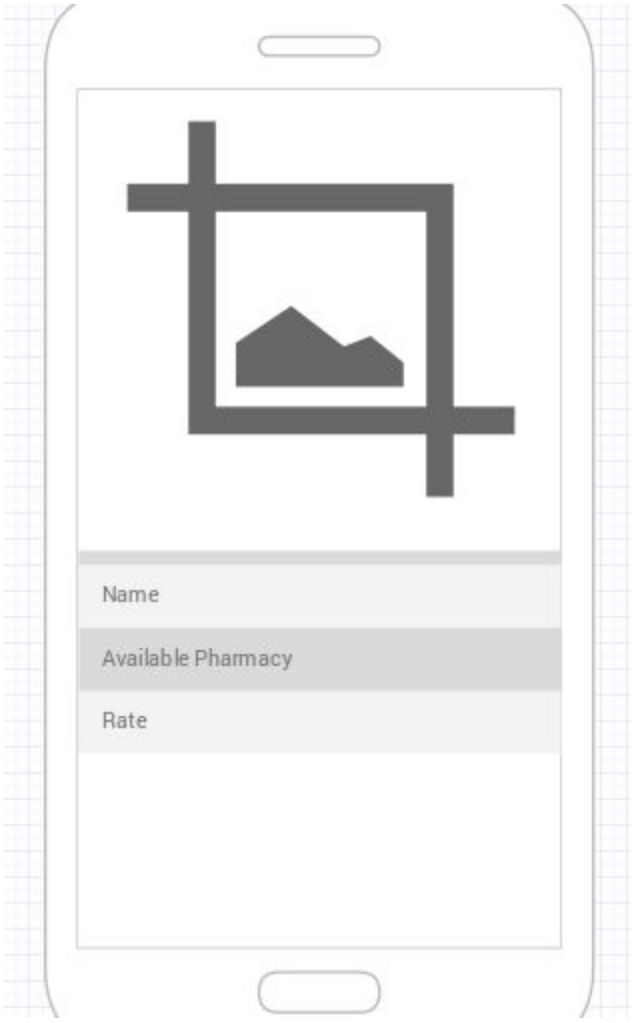
Home Screen. Showing some offers on home screen as viewpager

Screen-2



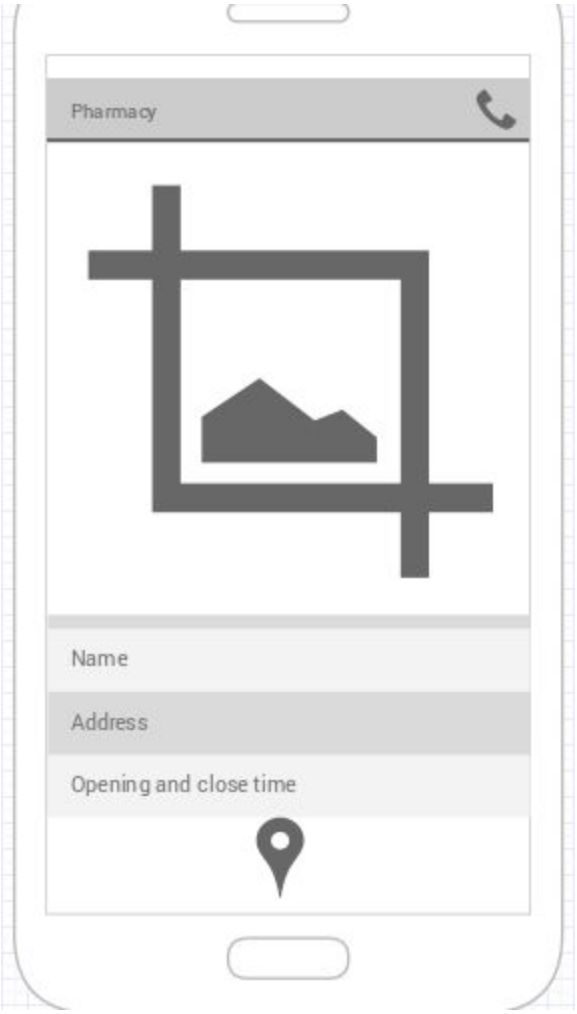
Pharmacies and medicine listing

Screen-3



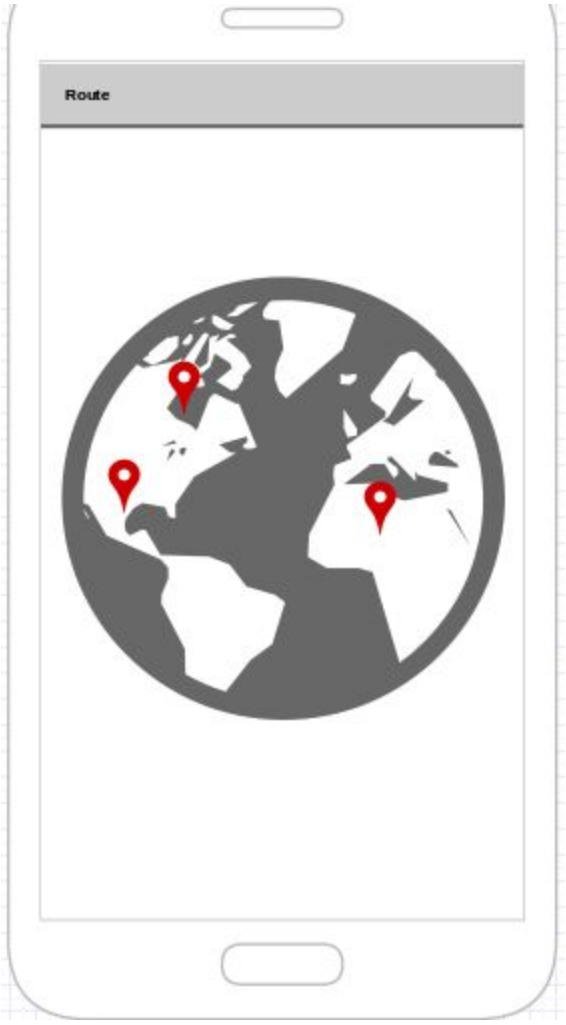
Medicine details

Screen-4



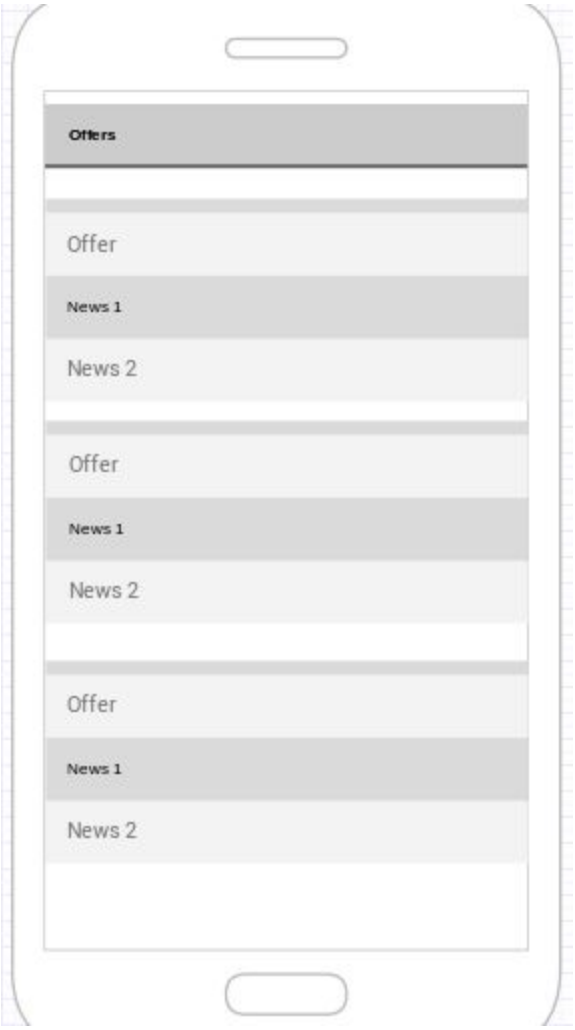
Pharmacy details. Including calling feature.

Screen-5



Route to the pharmacy.

Screen-6



Offers and news screen

Key Considerations

How will your app handle data persistence?

All the medicine list and pharmacy data will store at server side. Through web-service data will provide to the app.

Describe any corner cases in the UX.

- User clicks on the listing items. He will be navigating to details screen
- When user click on the call button on the app. App will launch the dialer app.

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

Glide - Image loading
RxJava - Reactive Components
Retrofit - Network calls
Stetho - Debugging

Describe how you will implement Google Play Services.

I am planing to use FCM and Location services in this app.
FCM is for sending notifications whenever a new pharmacy is added to the system.
Location is to find out user's present location.

Next Steps: Required Tasks

1. Pharmacy List
    a. Listing pharmacies
    b. Details screen of the pharmacy.
    c. Showing pharmacy on google map
    d. Calling feature from the app. User can directly make call from the app.
2. Medicine List
    a. Listing the medicines.
    b. Search option for medicines
    c. Details screen of the medicine. Including the pharmacy details.
3. Notification Mechanism
    a. Notification will show whenever a pharmacy added to near their place
    b. Offers and news available on medicines

Task 1: Project Setup

Download the project repository and clean up the build folders. Then follow the steps mentioned below

- Sync the gradle to configure the libraries

- Clean and build the project
- Configure Stetho for debugging
- Make sure development server is working

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Home screen
- Build UI for Pharmacy list
- Build UI for Pharmacy details
- Build UI for showing Pharmacy on Google map
- Build UI for Medicine list
- Build UI for Medicine details
- Build UI for Offers and news

Task 3: Implement UI for Pharmacy list

- Creating Pharmacy list screen
- Search option for pharmacy
- Showing route to pharmacies on google map
- Details screen for pharmacy
- Calling feature

Task 4: Implement UI for Medicine list

- Creating Medicine list screen
- Search option for Medicine
- Details screen for Medicine

Task 5: Offers and news screen and notifications

- Implement notification mechanism
- News and offers screen