Description

Intended User

Features

User Interface Mocks

Screen 1 (Home Screen)

Screen 2 (Navigation Drawer)

Screen 3 (Maps Screen)

Screen 4 (Favorite Screen)

Key Considerations

How will your app handle data persistence?

Describe any edge or corner cases in the UX.

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

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

Next Steps: Required Tasks

Task 1: Project Setup

Task 2: Implement UI for Each Activity and Fragment

Task 4: Mocking Data

Task 5: Develop Adding restaurant screen

Task 6: Configure and develop data storage and login

Task 7: Configure and develop location service

Task 8: Configure and develop searching functionality

GitHub Username: MaherSoua

Restop (Top Restaurant)

Description

This may help user to find the best restaurant around an address or his location, user can save his favorite and add his data with a photo that he could take himself

Intended User

Families Travelers

Features

List the main features of your app. For example:
- Save favorite list
- Geofences
- Login / Logout (Firebase)
- Save data on server to allow user to restore saved data
- User can search by name or address
- Restaurant position will also be displayed on a map
- User can add Restaurant by himself using a form
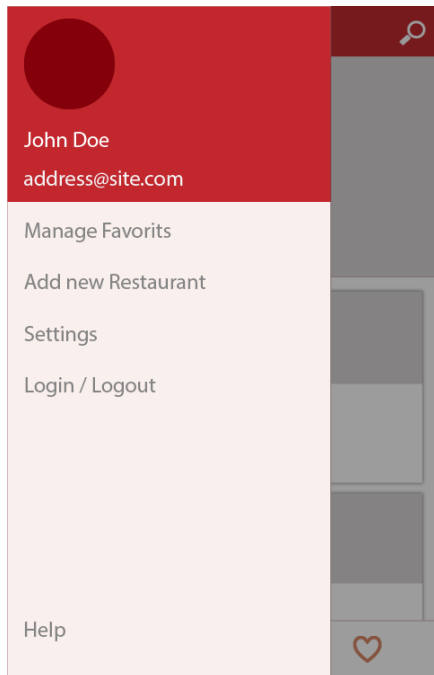- User can take a picture and add into the form

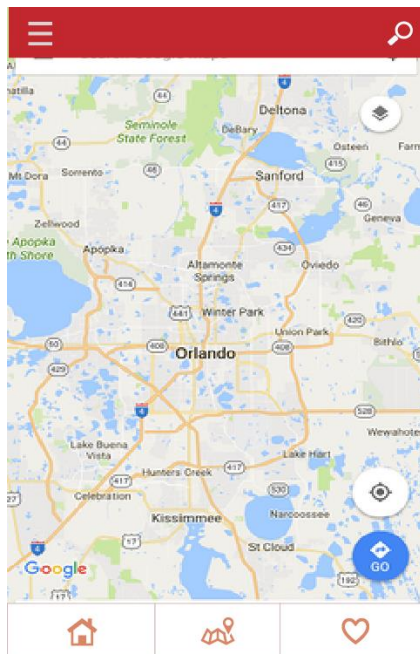# User Interface Mocks

Screen 1 (Home Screen)
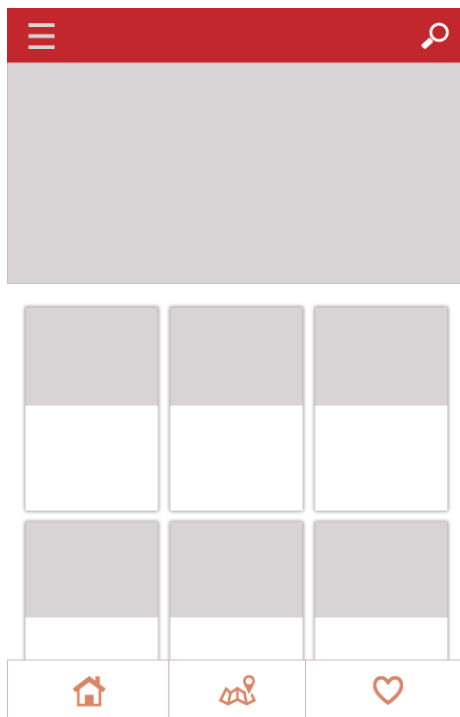
This is the home page, it will display a slide show and most known/rated restaurant.
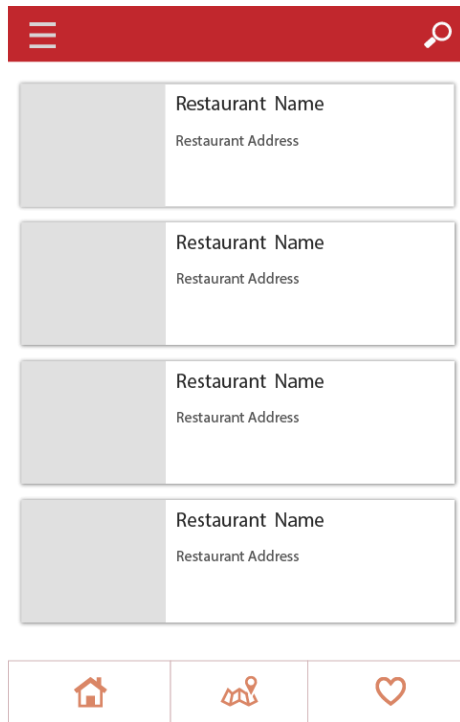
Screen 2 (Navigation Drawer)

Menu drawer, as listed it will help to access to those different section.

Screen 3 (Maps Screen)

This screen will display the restaurant that are near to user position

Screen 4 (Favorite Screen)

This screen will display the user favorite list

Key Considerations

How will your app handle data persistence?

The app should store data locally and in server, in this case we have to use content provider and also, he can save his data in server using Firebase Realtime database.

Describe any edge or corner cases in the UX.

In the app I will use Drawer navigation and bottom tab bar navigation, user can use tab to navigation between functionality (Map, Favorite, Home, Search)
Can use FAB to add new Restaurant
Navigation Drawer To edit profile Rapid navigation to different section
Top menu login /logout

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

Picasso to load image, I like it because it is too easy to use and many great app use it
Retrofit for Google api
Geofences to locate restaurant around
Firebase storage, messaging, core and auth
Espresso for test.

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

Place service.
Geofence service.

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
- Organize gradle variable for lib version
- Create Build Variant

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Home Screen
- Build UI for Map Screen
- Build UI for Search Screen
- Build UI for Favorite Screen
- Build UI for adding restaurant
- Build UI for all navigation menu (NavDrawer, bottom tab nav)
- Build UI for Details screen

Task 4: Mocking Data

- Create mock data
- Disable login

Task 5: Develop Adding restaurant screen

- Implementing Form
- Implementing Saving data added by user
- Adding camera to take photo
- Adding zone to store location in the map

Task 6: Configure and develop data storage and login

- Configure Firebase server side
- Implementing Firebase configuration
- Implementing Firebase Auth for login
- Add Content provider
- Save favorite restaurant with fake data on local machine and remote server

Task 7: Configure and develop location service
- Implementing map
- Implementing location pin on map

Task 8: Configure and develop searching functionality

- Implementing Searching
- Displaying searching result