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## FoodVisit

### Description

An app that will get you description of restaurants with ratings and specialty of the place in your city. You can add the location of the restaurant as your TO-VISIT place by looking at the reviews and dishes which will be displayed in an inbuilt Map.

### Intended User

Foodies who want to keep track of their yet to visit places.

### Features

- Map that displays multiple markers of To-Visit restaurants.
- Widget that shows the to-visit list

# User Interface Mocks

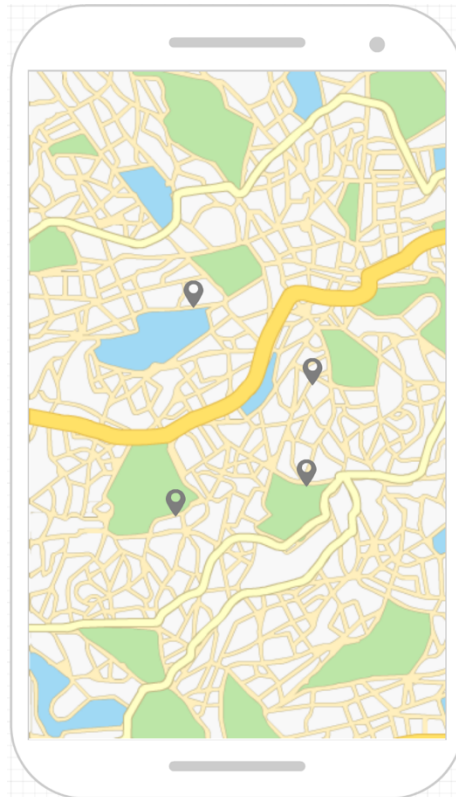
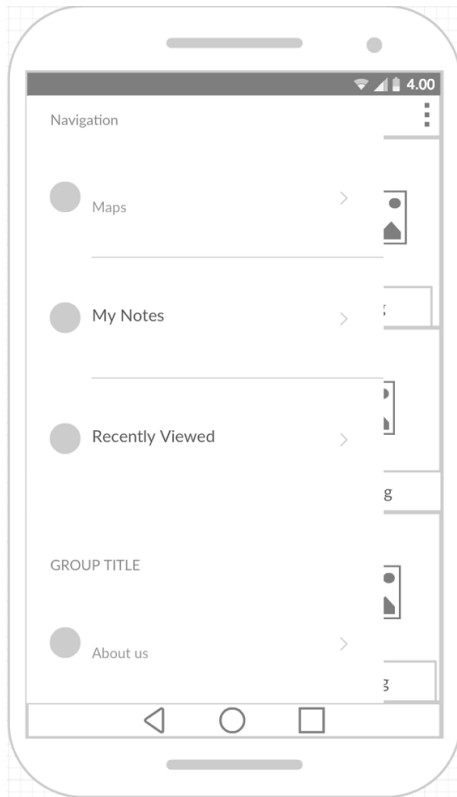
## Screen 1



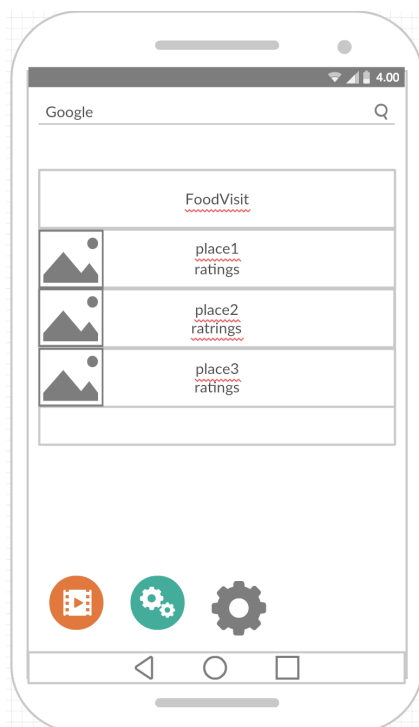
- 1.Home page containing a grid for the restaurants with a picture and ratings . Same format will be used for recently viewed from navigation bar
2. Settings will contain place selection



- 1.Detail view on clicking an item in home page will contain the items lists in the mock



1. Navigation bar will contain Maps, recently viewed and My notes
2. Maps will contain the location saved by clicking fab in detail view



1. Widget on home screen will show the list of To-visit list

## Key Considerations

### How will your app handle data persistence?

Content provider will be created with un-exported so that other apps don't have access to the db

### Describe any edge or corner cases in the UX.

If internet is not available when app is opened a snackbar showing no internet will be displayed.

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

Picasso for images

Retrofit to json inputs from server

ButterKnife to bind views

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

Admob for ads in free app

Maps to display markers

## 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 picasso,butterknife,retrofit,admob,maps...

### Task 2: Implement UI for Each Activity and Fragment

List the subtasks:

- Build UI for MainActivity
- Build UI for DetailActivity
- Build UI for MapsActivity
- Build Navigation bar

### Task 3: Get data from the endpoint and use async task to parse the json data

Using zomato API get the required json and collect the data using AsyncTask.

### Task 4: Setup separate resources for paid and free versions with Admob

- Make sure only free flavor has ads and paid doesn't.

### Task 5: Setup DB and loader for the to-visit and recently viewed list

- Not all the data will be saved, Only the once added by the user from detail activity will be saved in the db. Loaders will be used to form the above mentioned lists.

### Task 6: Link the data from the DB to Maps

- Marker on the Map should show all the places user wants to visit and on clicking the marker detail activity should open.

### Task 7: Implement widget for TO-Visit list

Optional:

### Task 8: Write tests for some of the activities and widgets

Add as many tasks as you need to complete your app.

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#### Submission Instructions

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- Add this document to your repo. Make sure it's named "**Capstone\_Stage1.pdf**"