

How to Use this Template

1. Make a copy [File → Make a copy...]
2. Rename this file: “**Capstone_Stage1**”
3. Replace the text in green

Submission Instructions

1. After you’ve completed all the sections, download this document as a PDF [File → Download as PDF]
 2. Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
 3. Add this document to your repo. Make sure it’s named “**Capstone_Stage1.pdf**”
-

GitHub Username: Your GitHub username here

Your App Name Here POI finder

Description

This app will help you to find a good restaurant, an interesting place, or a nice clean hotel nearby or in a city, and get directions how to get there. And you can save an interesting place to your own favourites list, or share with your friends.

Intended User

The intended user are the travellers, and people want to explore new places.

Features

- The app will all allow the user to select several places which include attractions, restaurants, hotels
- Allow the user to save their favourite places, and can read the details of the place offline, or share with other via email.
- Get directions to how to go to a place of interesting.
- This app will show point of interest nearby or search in a city.

List the main features:

- Saves information
- Share information
- Route planning
- Searching information

User Interface Mocks

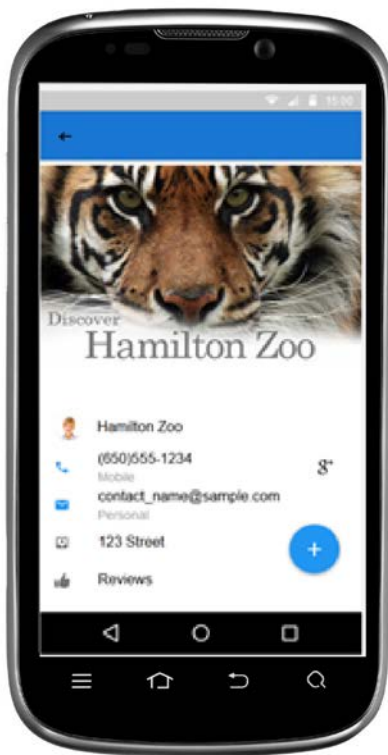
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



This is the main activity screen. When the app launch, the map will display the nearby shopping, attractions, restaurants, hotels. The user can click the mark on the map to get details of the selected point of interested. (see screen 2)

Screen 2



Screen 3

Replace the above image with your own mock [click on the above image, then navigate to Insert → Image...]

Provide descriptive text for each screen

Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

Describe how your app will handle data. (For example, will you build a Content Provider or connect to an existing one?)

I will build a Content Provider to handle data.

Describe any corner cases in the UX.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

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

Use Picasso to handle the loading and caching of images.

Describe how you will implement Google Play Services.

Using Google location & Content API
Google Map, Direction, Place API

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

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

You may want to list the subtasks. For example:

- Configure libraries

- Enable selected google API

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for DetailsActivity

Task 3: Your Next Task

- Implement Google Play Services
- Handel Errors

Task 4: Your Next Task

Describe the next task. List the subtasks. For example:

- Create layout
- Something else

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

Appendix:

Photo 1 :

<http://www.pedfieldcountryhouse.co.nz/uploads/100922/images/213227/HamiltonZoo.jpg>

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