

Capstone Project

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Traveler's Best Friend

Description

You are a traveler? You are on vacation? You need some place nice to eat/drink/have fun etc?
This app is designed for you. Find the nearest points of interest, sights, restaurants or bars.

Intended User

This app is intended for Travelers, newcomer residents or just people who want to explore their city

Features

The main features of the app are:

- Displays information about places
- Searches for nearby places
- Gives Directions towards a selected point of interest

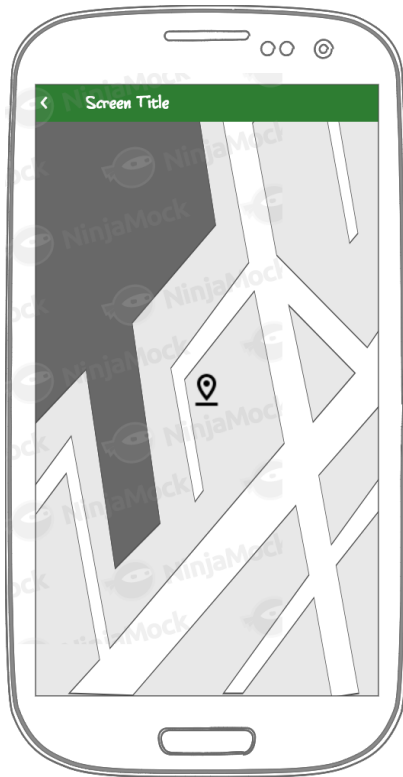
User Interface Mocks

Main Screen



This is the main screen. By tapping on “Where” button we choose location in Choose Location Screen. Tapping on “What” spinner we can choose search category. Finally Tapping on search screen makes the search.

Choose Location Screen



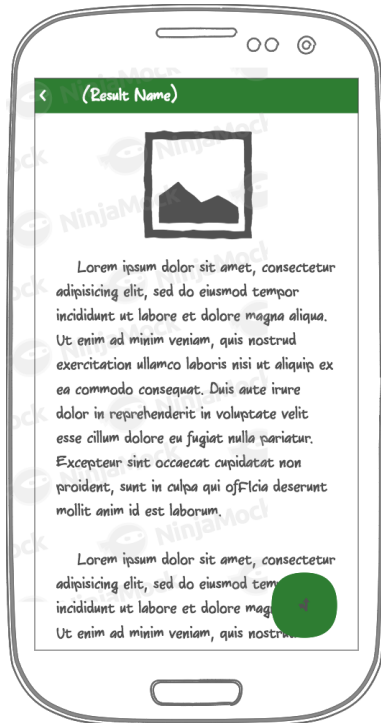
Moving the pin we can choose location where we can search for points of interest.

Results Screen



Displays the list of results. Clicking on item list will open results details.

Details Screen



Displays the Details of results. Clicking on FAB will open Google Maps for directions.

Key Considerations

How will your app handle data persistence?

The application will store data using an Content Provider. The saved data will represent the 100 last searches with their result.

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

Picasso for Image handling. Retrofit for api call

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

Google libraries for Content Providers. Google Maps library.

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

- Create a new Project
- Configure libraries
- Configure .gitignore
- Setup git repository

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Main Activity
- Build UI for Location Activity
- Build UI for Result List Activity
- Build UI for Details List Activity

Task 3: Data Handling

- Implement Models
- Implement Api calls
- Install Content Provider

Task 4: Get Location

- Handle map to get search location

Task 5: Directions

- Make sure on FAB tapped Google Maps gives directions