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Fun Trip

Description

Using [Travelbriefing.org](https://travelbriefing.org) public API to provide easy access information for travelers around the world, who can get the general information about countries he or she is interested in like, health & vaccines, weather, visa requirements, currency, electric sockets, language and so on.

Intended User

Travelers around the world.

Features

Providing easy access information about most countries in the world including:

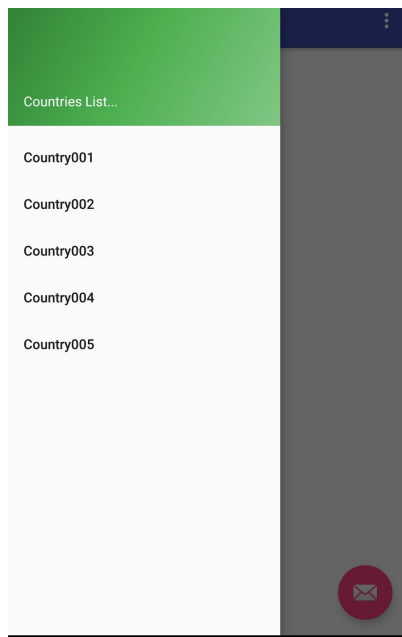
- Weather,

- Currency,
- Language,
- Health & Vaccines

User Interface Mocks

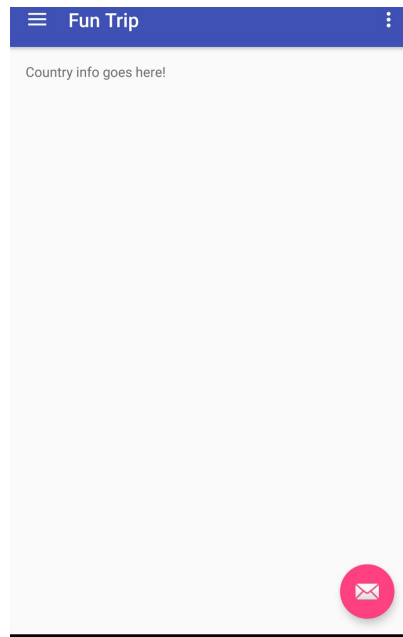
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



This is navigation drawer where the countries are listed, user can choose the country from to view detailed info.

Screen 2



The main activity UI shows detail info for the country user selected in the list in navigation drawer.

Key Considerations

How will your app handle data persistence?

This app will handle data via building a Content Provider.

Describe any corner cases in the UX.

The UI elements should be organized well for both phone and tablet.

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

OkHttp to handle HTTP request elegantly.

Volley or Glide to handle the loading and caching of images.

The reason of choosing them is that they all are well documented and each has strong community around.

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

Steps to configure this project including the following subtasks:

- Chose “Navigation Drawer Activity” template to create a new project
- Configure libraries
- Test the API to get JSON data

Task 2: Implement UI for Each Activity and Fragment

Subtasks including:

- Build ListView for Navigation Drawer to show list of countries
- Build main block for MainActivity to show info for each country

Task 3: Build CardView for Each Portion

Each portion of information about the country will be presented in CardView.

Subtasks for implementing CardView as follows:

- Weather
- Language
- Health and Vaccine
- Currency

Task 4: Implement Google Play Service

Subtasks including:

- Integrate Google Play Service
- Integrate Google Places API

Task 5: Implement Tablet Layout and Build Widget

Subtasks including:

- Build UI that render correctly in both Phone and Tablet
- Build Widget
- Handle Error Cases
- Create Build Variant