

This application aims to display the position of the selected dropdown items on a map.

While clicking on the “Search” button, the application will get the selected item of each dropdown list and display their position, based on their lat/long coordinates on the map.

Currently, only the departure points list is working.

Objectives

The goal of this exercise is to do some modifications within an existing application.

This will help us evaluate your understanding, your capacity to analyze and to adapt to an existing solution, whatever your level of knowledge of the language and/or the environment.

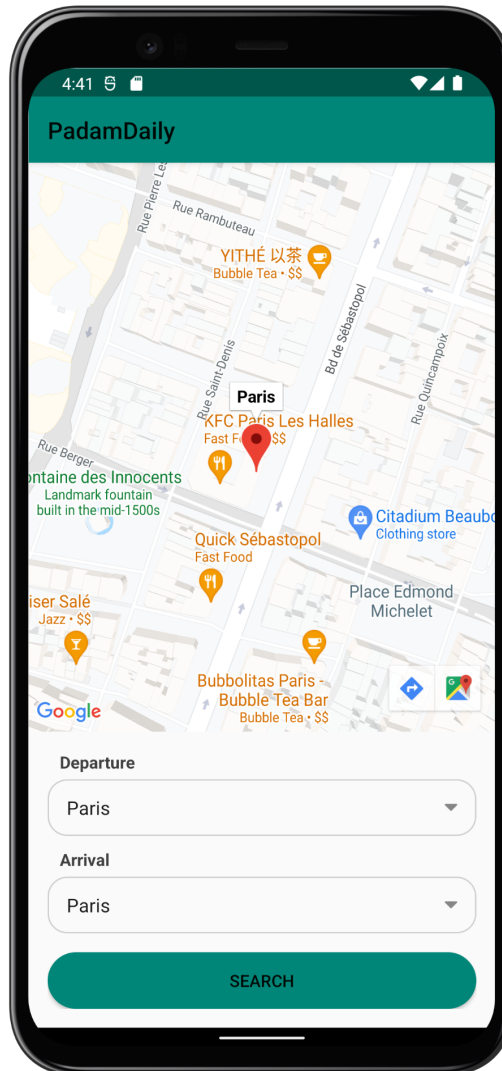
Specifications

Prerequisites

- Have an Android Studio version higher or equals to **Bumblebee 2011.1.1 Patch 2**
- Fork the [PadamDaily](#) project

TODO

1. Implement the UI below



2. Apply the same logic to the “ARRIVAL” list

As what was done for the “DEPARTURE” dropdown list :

- Show destination suggestions in the “ARRIVAL” dropdown list
- On click on the “Search” button, the map should display the position of the selected item from the “DEPARTURE” list with a DEPARTURE marker but also the position of the selected item from the “ARRIVAL” list with a ARRIVAL marker
- Plus, the map should be able to perform a center zoom between the departure and arrival points

3. Draw itinerary between “DEPARTURE” position and “ARRIVAL” position

On click on the “Search” button, besides displaying the departure and arrival positions, draw the itinerary between them.

Bonus

Plus the specifications requested, at least **2** of 4 bonuses should be done.

Of course, it is possible to do all the bonuses, in order to have more arguments on your side !

Bonus 1 : Pop a dialog displaying the time travel between the origin to the destination with an action button that opens, while clicking on it, an intent to GPS navigation on Google Maps.

Bonus 2 : Add a new page containing your resume using Android UI components (ConstraintLayout, TextView...etc) and add a hamburger menu to this new page and the SearchItinerary page to allow navigation between pages.

Bonus 3 : Compose has been introduced as stable last year, more and more conferences and recognized developers promote its usage, add a new page, accessible from SearchItinerary page, containing your resume using Compose.

Bonus 4 : Like Bonus 3, [Accessibility](#) is also a current topic promoted by the Android community, make one page of the app browsable by voice ([Talkback](#)).

Delivery

1. Generate .aab file and add it into the project
2. Commit your work and open a pull request to **main** branch

Good luck

