

TravelPerk @ HackUPC

 #travelperk



The TravelPerk Challenge

At our core, we value genuine human connections - striving to facilitate meaningful interactions through in-real-life (IRL) experiences for our travellers.

Your challenge: given a data-set, develop an application that defines travel plans for travellers given their departure & arrival locations, and times.

Your application should identify opportunities for genuine interactions between travellers.



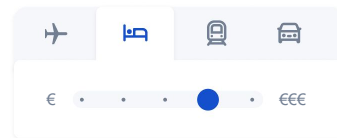
Broad topics

Where next?



Travel Planning

Suggesting the Flights, Hotels, Trains, Car Hire, etc. that Travellers may need to complete their trips.



In-Real-Life (IRL)

Notify travellers of special things happening during their travel dates.



Travel Companion

Detect when, and suggest interactions when travellers are in the same place, at the same time.



Green Travel

Surface carbon footprint information about the chosen transport method(s), and suggest the most planet friendly options.

Random Ideas



Use **Travel APIs** to find, and suggest Flights, Trains, etc.

Use **Events APIs** to find & suggest Events at your destination

Use **Location/Maps APIs** to plot your path, and suggest different types of routes

Use the **Spotify API** to suggest songs that are popular over your Flight path

Use the **SpaceX API** and find the distance between your destination, and their next rocket launch

Example APIs

- [Spotify API](#) - Create a playlist to “rock” your trip
- [AWS Location Service](#) - Place Search, Maps
- [Google Maps APIs](#) - Maps
- [Space X API](#) - Space
- [OpenAI](#) - Generate an image to represent the trip
- [Google Calendar](#) - Precisely plan each second of the trip with calendar events
- [Ticketmaster Discovery](#) - Find local events for travellers to attend
- **OR anything else you can find!** 🙄



The dataset provided is a dump of data from users traveling to and from different cities.

- Traveller Name
- Departure Date
- Return Date
- Departure City
- Arrival City

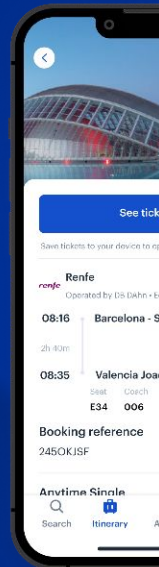
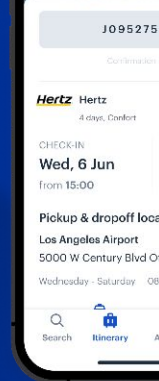
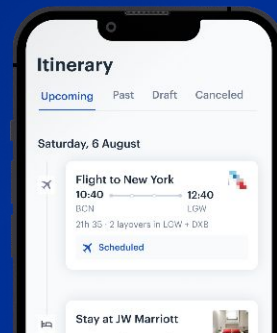
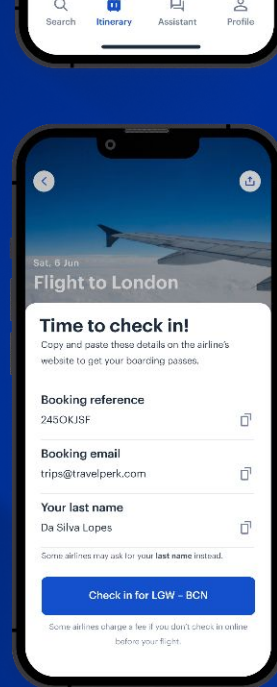
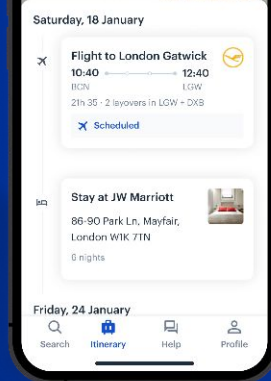
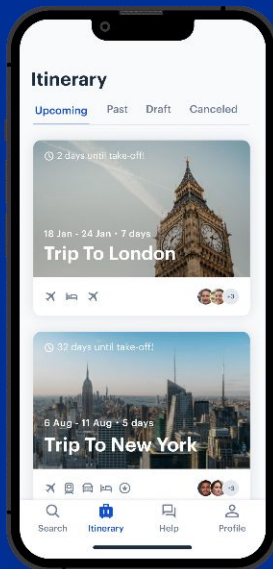
*Optional to use



The Prize

100 EUR

To use on our platform, and
plan your dream trip (Flights,
Hotels, AirBnb Trains, Car
Hire)





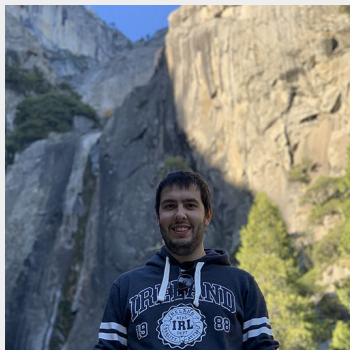
Our Mentors



Connor Cartwright
Backend &
Infrastructure



Robert Curran
*please ask me about
aws serverless stuff*
😊



Pau Martin
Backend (node &
python), frontend
(angular & react), DB,
product & UX



David Volart
Front-end & Back-end



Berta Devant
iOS, Android, Product,
Design & UX



Good luck!

