TraViz

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Fact #1: We love travel.

Fact #2: Travelling could be so much easier.

🤍Passion + 🔧Function

- Getting people excited about travel
- Generating interest and hype through social media
- Giving travellers a way to document their travels

- Reducing pandemic-related travel headaches
- Consolidating helpful travel information in one convenient place

💟Passion + 🔧Function

= 🛫TraViz

TraViz lets you record and plan your travels in an all-in-one hub.

Our Stakeholders

😃

Travel
enthusiasts of
any age, gender,
or ethnicity

💼

Travel-adjacent
businesses
looking to reach
a wider
audience

📣

Advertisers
interested in
travel/mobility
data

What features would you look for in a travel diary software?

- Seeing the network of trips across an actual map
- Being able to plot multiple kinds of trips, not just flights (road trips via car, bus trips, etc.)
- Being able to share the map with peers

What factors are most important to you when planning a trip?

- Cost of flights/hotels/etc.
- Things to do in the destination
- COVID restrictions, quarantine length for outsiders, etc.

Our Team

Matthew
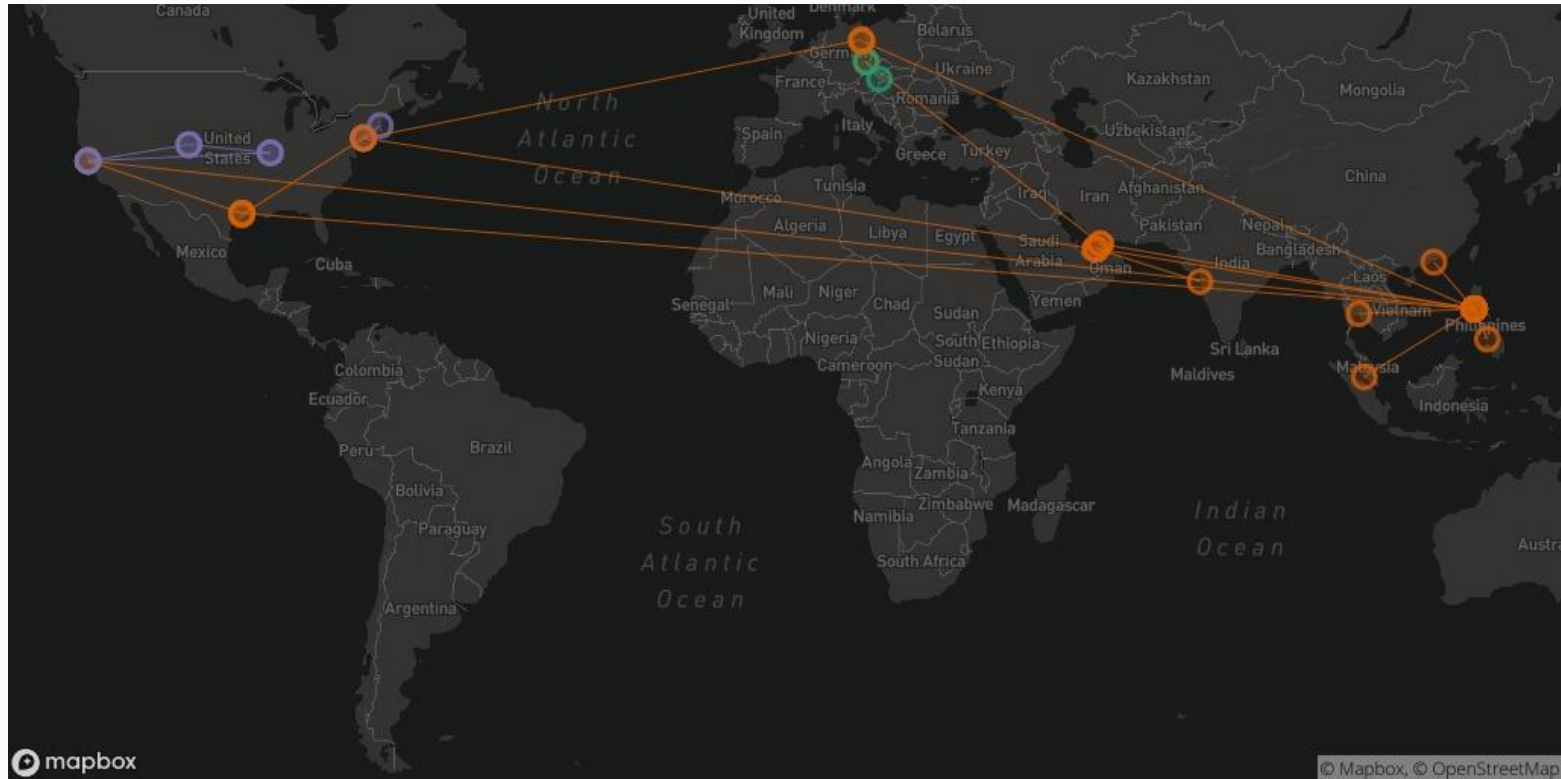
Visualization,
trip planning

Arshiya

Front-end,
UX design

Gopika

Back-end,
recommendations

1 - Online Travel Diary 🤍

2 - Trip Planning 🔧

COVID-related travel updates

Ticket prices & airfare

Smart destination recommendations

Attractions, points of interest, and things to do

Technical Details

- p5.js interactive visualization

- Mapbox API

- HTML, CSS, jQuery

- LocationIQ API

- Sygic Travel API

- Travelpayouts API

- TravelPerk API

- Machine learning-based recommendation

Limitations and Future Plans

APIs

Some of the APIs we planned to use (tickets, COVID, POIs) are paywalled

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Future iterations of TraViz will be complete information hubs powered by APIs

Recommendations

Our recommendation system needs more high-quality data

Phase 1: purchase user travel history data from APIs (Numbeo, etc.)

Phase 2: collaborative filtering with proprietary TraViz user data

Demo

Thank you! :)