

Travela

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Introduction

Group vacation planning app that takes into account

- Budgets
- Interests
- Availabilities

Average person spends 10 hours planning a holiday. According to a poll, over 25% of people consider vacation planning a big stressor.

Travela suggests vacation locations

- Taking into account group members' interests and previous trips.
- Using ML algorithms

Planning the entire vacation, including

- Locations
- Accommodations
- Transportations
- Popular landmarks, events, and activities

Technologies Used

BACKEND



**Java
Spring
Boot**

Maven

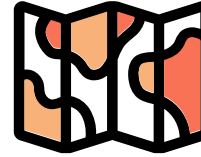
MySQL

**Amazon
Web
Services**

**Spring
Security**

**External
APIs**

Amadeus
RapidAPI
(Hotels.com)
Unsplash



FRONTEND

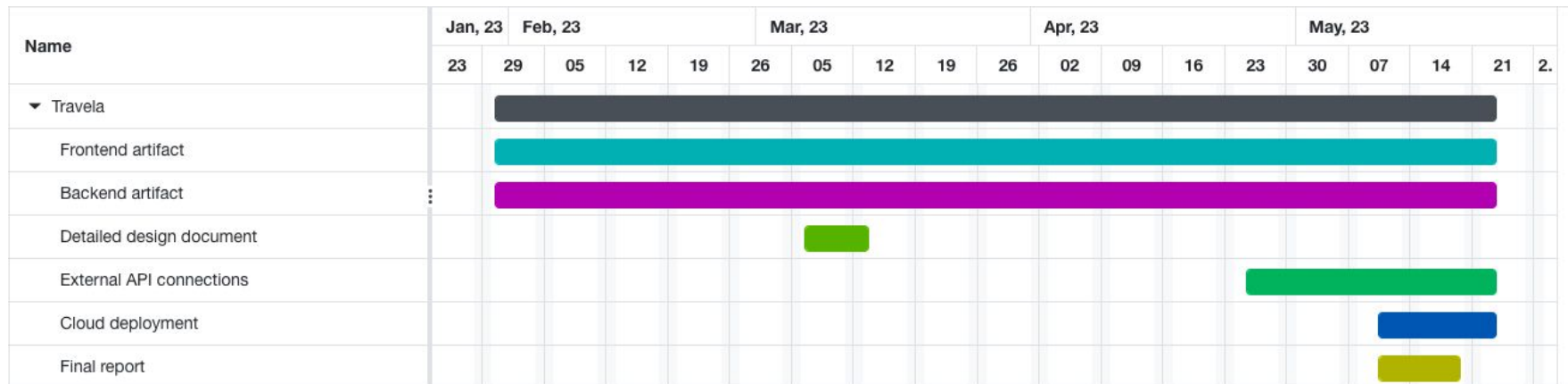
**Dart
Flutter**

Postman

Figma

**Amazon
Web
Services**

Gantt Chart



Current Situation

41
Countries

282
Cities

5-10 cities per country



~2820

Popular attractions

10 for each city

~1410

Transportation options

~5 options per city

~2820

Accommodation options

~10 options per city

Current Situation - Unimplemented Parts



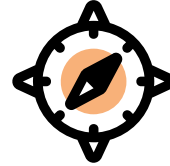
1

**Google
authentication**



2

Push notification



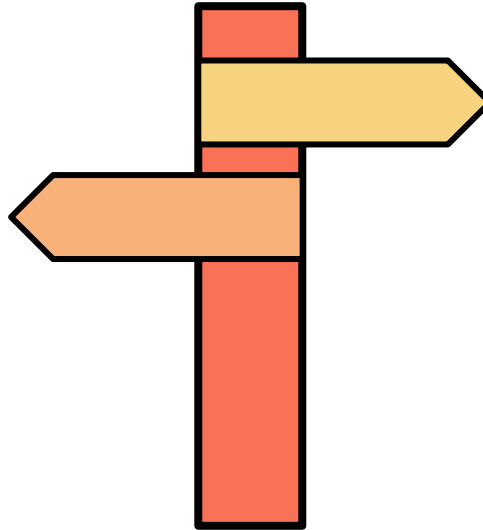
3

**City reviews and
ratings**

In Progress

OUR CUSTOM SUGGESTION SYSTEM

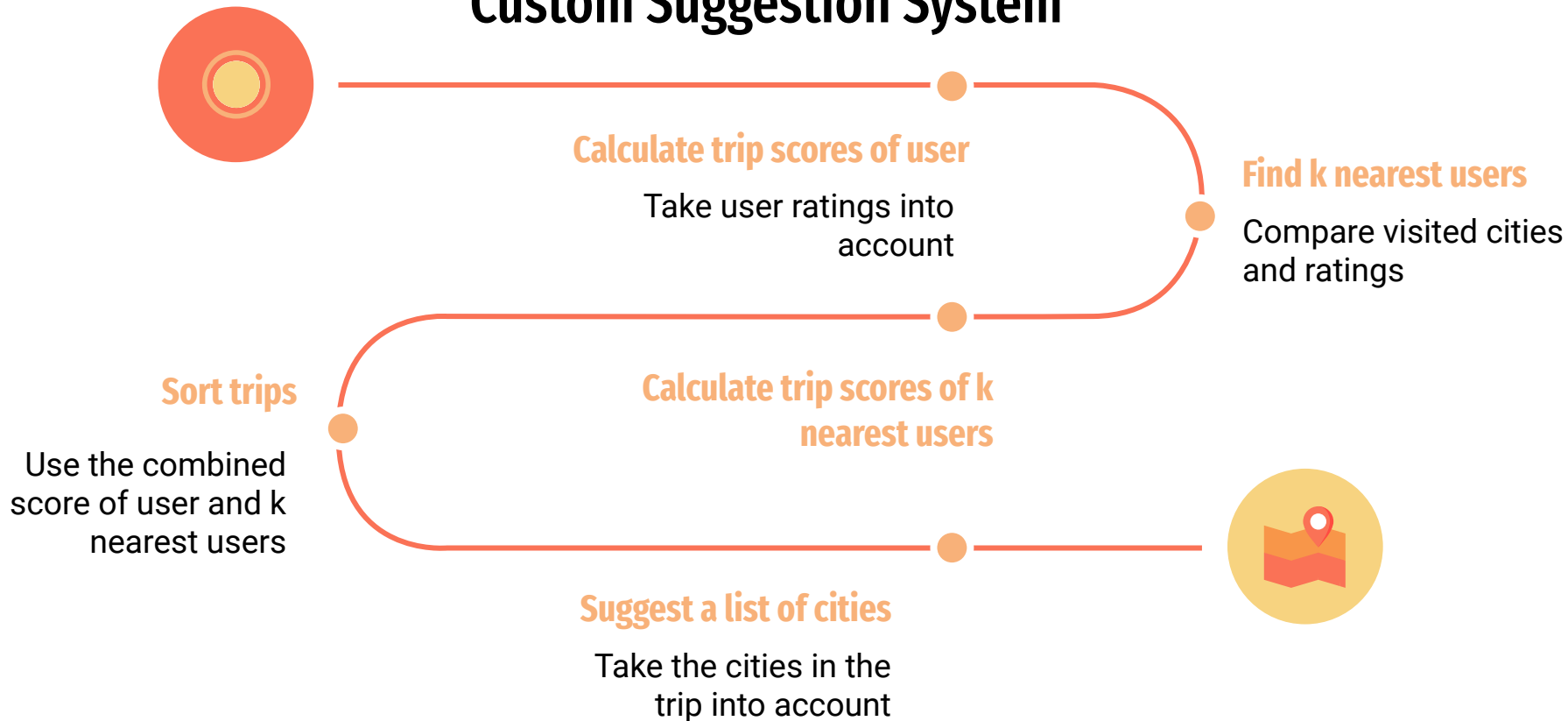
Built but not
deployed yet, due to
insufficient data



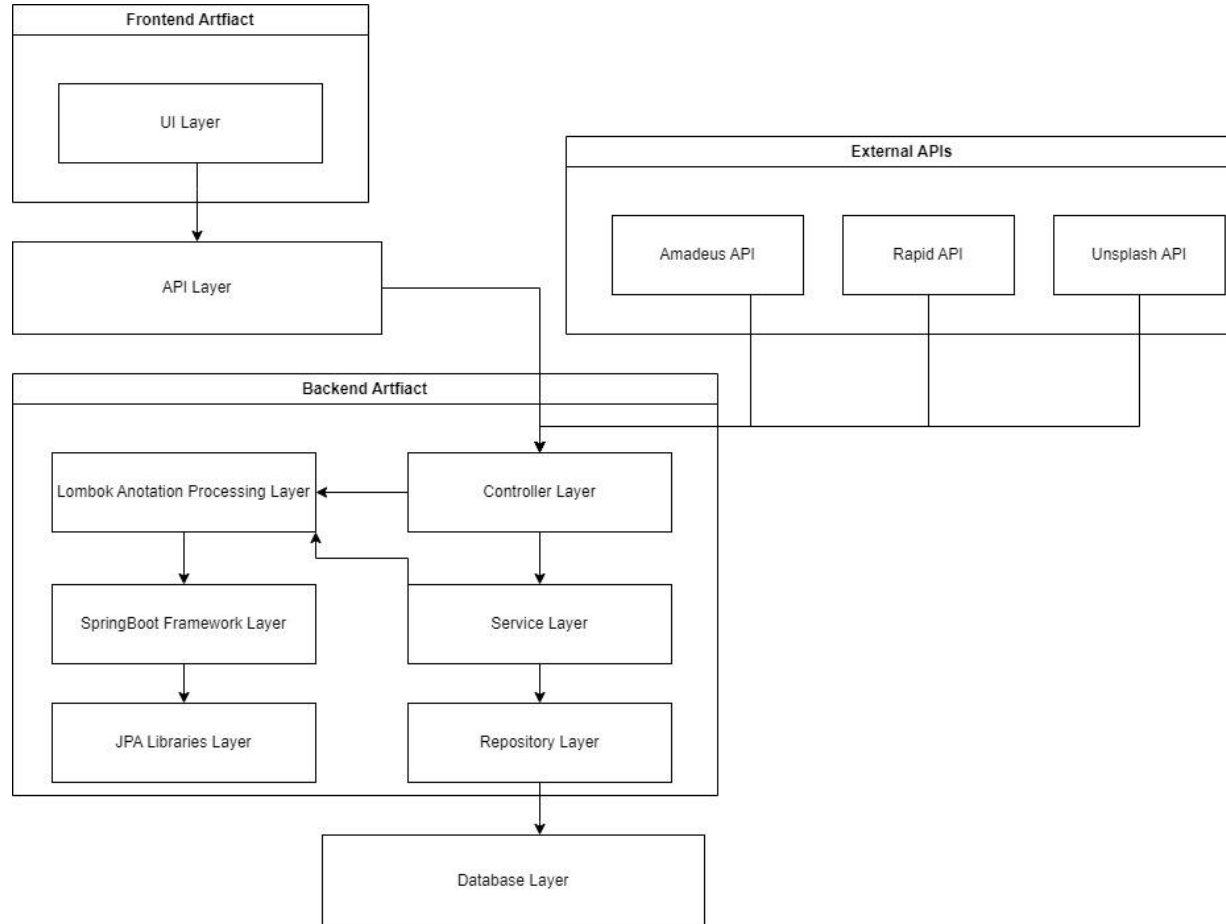
IN-CHAT POLLS

Frontend and
backend built, not
connected yet

Custom Suggestion System



Architecture - Layered Module Style



Demo Time

