

City Tour Planner

Individual project by Happiness Nwosu

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Motivation

Build a solution that helps tourists get a personalized itinerary for attractions in a city.

Aims and Objectives

- User signup/login
- User profile update
- User create tour by selection preferences
- User selects from the options generated using their preference
- Output the itinerary to the user

Implementation

- Backend API server
- Android application client
- External API

Challenges

- Advanced APIs come at a fee
- Limited fields returned for free API projects
- User address geocoding not available
- Difference in locale of user and the tour city can yield undesired result when user enters free text
- Internationalization is not implemented

Evaluation

- Application provides a solution for users to plan customized tour in select cities
- Human layer is eliminated in the tour creation, making for faster feedback time, easily customizable and less expensive alternative

Limitations

- Start and stop locations cannot be specified
- Solution is available only in English language
- No accounting for travel time between attractions on the tour
- Tour plan cannot be edited once it is generated, user has to start afresh for new plan



What questions do you have?