Vacation Itinerary AI Generator

https://github.com/ViktorVelizarov/vacation-planner/tree/ltineraryGenerator

Intro

A feature that generates a vacation plan/itinerary with a given destination name and days from the user, by using OpenAl's generative GPT model.

Backend

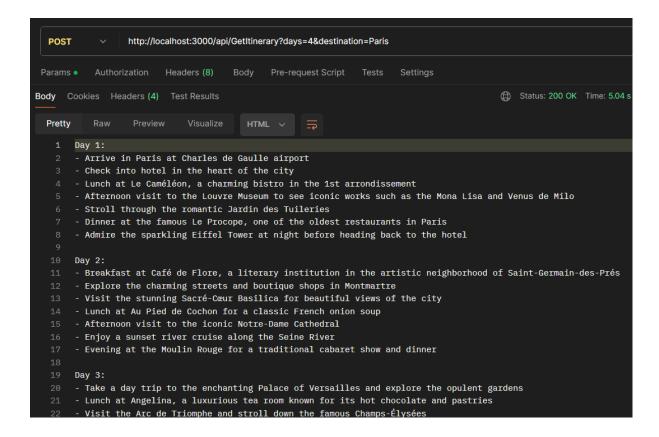
The backend of this feature consists of a single API endpoint /GetItinerary where I make a request to the OpenAI generative model and return the generated result. The {days} and {destination} values are taken as URL parameters:

1 localhost:3000/api/GetItinerary?days=4&destination=Paris

The prompt sent to the gpt-3.5-turbo Al model is:

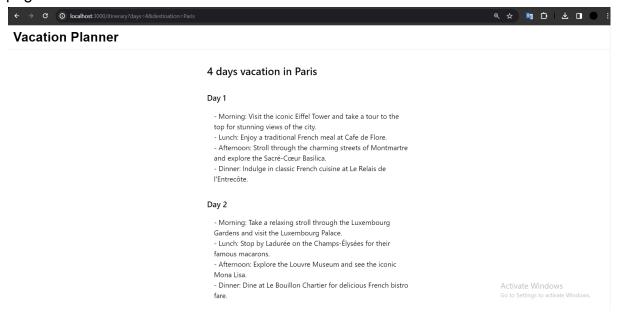
```
Make me a vacation itinerary for a ${days} day vacation in ${destination} with the names of destinations and places to eat for each day
```

The result looks like this:



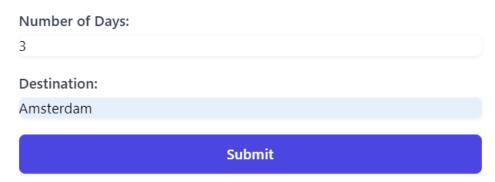
Frontend

The front end of this feature consists of a simple Vue page that gets the Al-generated itinerary from the /**GetItinerary** backend endpoint and displays it on the page:



Also, there are input fields on the main page where the user can input days and destination names and then be redirected to the Itinerary Page, with the 2 parameters being sent as query parameters

Submit Itinerary Details



localhost:3000/itinerary?days=3&destination=Amsterdam

Closing

All the code can be found here:

https://github.com/ViktorVelizarov/vacation-planner/tree/ItineraryGenerator

If you want to run the code on your system just make sure to add a **.env** file with these contents:

OPENAI_API_KEY = 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 TRIPADVISOR_API_KEY = 33CC974010DE44B792B1EC3423F05573