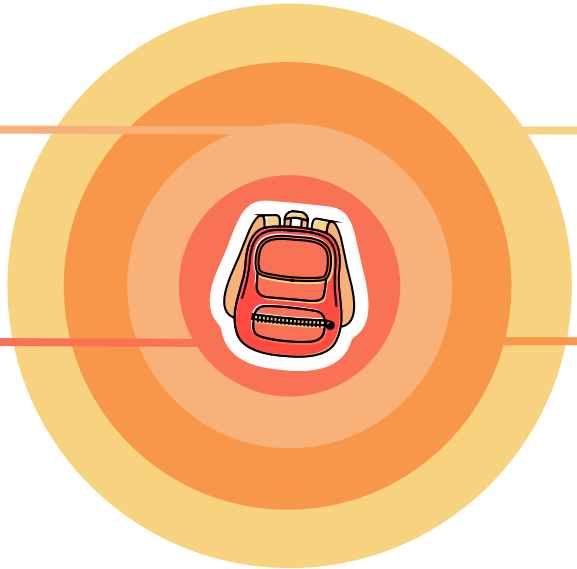
SastaRasta

Problem Statement

Creating an itinerary for a trip is tedious and time consuming.

Planning a trip involves a lot of research with no tools to efficiently streamline it.



Absence of a dedicated travel focused virtual assistant, for answering queries on the go.

Lack of transparency in user data utilization by competitor tools and applications.

Project Overview

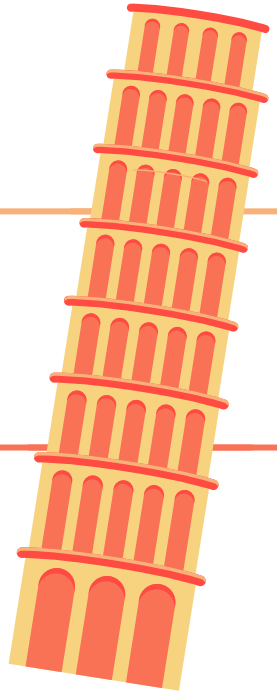
Our project is all about making travel planning easy, personalized, and secure

1

MUSEUMS

Venus has a beautiful name and is hot

2



3

RESTAURANTS

It's a gas giant and the biggest planet

4

MONUMENTS

Despite being red, Mars is a really cold place

Overview of the Project

Our project is all about making travel planning easy, personalized, and secure.

We're transforming traveler planning with the aid of cutting edge AI technologies like Large Language Models (LLMs) and fast engineering approaches like prompt engineering.

From generating customized travel itineraries to providing instant assistance through a dynamic Q&A chatbot - Sasta ChatBot, we're committed to delivering a seamless and enjoyable travel planning experience.

Join us on this journey as we leverage cutting-edge technology to make travel planning smarter and safer for everyone.

Travel Itinerary

01

TRAVEL

I feel like travelling at the moment

02

TOURISM

I want to tour around and explore

03

PLACES

I feel like visiting these places

04

THRIFT

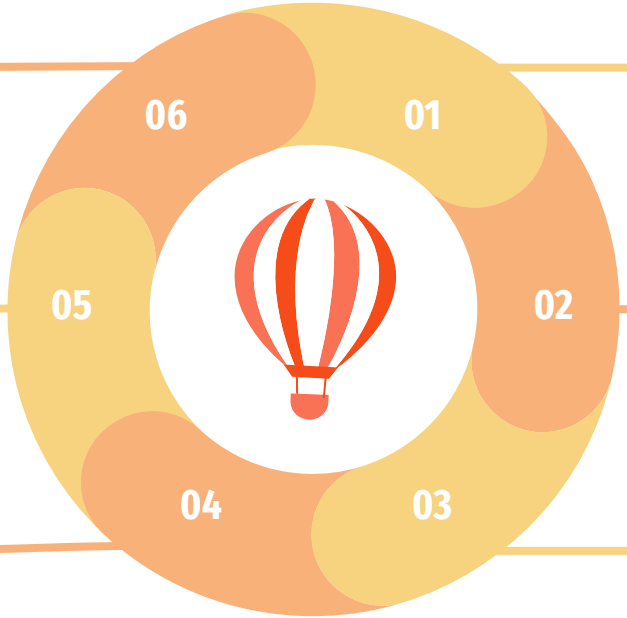
I would like to plan the trip resourcefully

Features

ACTIVITIES
Gives timed itinerary for each activity user wants.

ACCOMMODATIONS
Gives best options available in the city.

DINING PREFERENCES
Based on previous user ratings, gives the best options



DAY WISE PLAN
Gives a detailed plan for each day during the whole trip.

USER REVIEWS
Get previous user reviews and their ratings.

COMPARISONS
Get analysis of best options available in the city.

Benefits

Time management

Eliminates manual planning by giving a AI generated itinerary

UI/UX

Experience the taste of personalized recommendations

Efficiency

Tailored recommendations based on user profile

GenAI

1

Personalized Itinerary Generation

Understanding User Preferences :
LLMs analyze user inputs such as travel dates, destinations, and personal interests to understand individual preferences.

Generating Custom Itineraries :
Based on the analyzed data, LLMs craft detailed, personalized travel itineraries, suggesting accommodations, activities, and dining options that align with user preferences.

2

Prompt Engineering

Sequential Prompting :
Use a series of structured prompts to guide the LLM through generating a step-by-step itinerary that logically progresses from one activity to the next.

Privacy-focused Prompts :
Craft prompts that explicitly instruct the LLM to ignore or anonymize personal user data, emphasizing user privacy and data protection.

Workflow

Drafting a day-by-day itinerary with required details

Finalized itinerary with up to date information

Prompt Engineering

Generate PDF

User Input

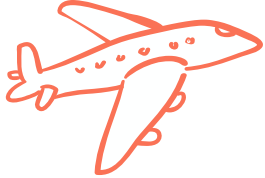
ChatGPT Processing

Output

Travel Dates, Destinations, and Preferences

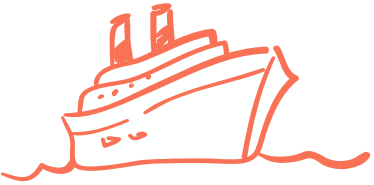
User can review the itinerary and customize it accordingly (optional)

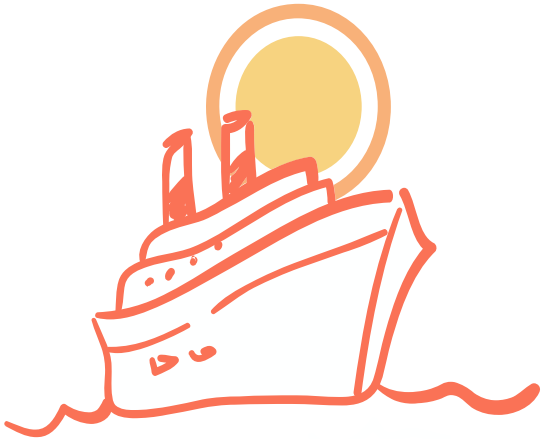
Final pdf can be downloaded or is sent it via email



Tech Stack

Frontend	Tailwind CSS
Backend	Python - Flask
API	OpenAI API
Sponsors	Postman, Auth0





Happy travelling

GenAI-Powered Travel Itinerary Generator