

Initial Project Planning Report

Date	28-01-2026
Team ID	LTVIP2026TMIDS26163
Project Name	Explore with AI: Custom Itineraries for Your Next Journey
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Requirement Analysis & Setup	AI-1	Understanding project scope and features	High	Gandi Rajesh	29/01/2026	04/02/2026
Sprint-1	Requirement Analysis & Setup	AI-2	Setting up development environment	High	Gandi Rajesh	29/01/2026	04/02/2026
Sprint-1	Requirement Analysis & Setup	AI-3	Researching AI itinerary generation approach	Medium	Gandi Rajesh	29/01/2026	04/02/2026
Sprint-2	AI Model Integration	AI-4	Connecting Generative AI API	High	Gandi Rajesh	05/02/2026	10/02/2026
Sprint-2	AI Model Integration	AI-5	Designing prompt structure for itinerary	High	Gandi Rajesh	05/02/2026	10/02/2026
Sprint-2	AI Model Integration	AI-6	Testing AI-generated responses	Medium	Gandi Rajesh	05/02/2026	10/02/2026

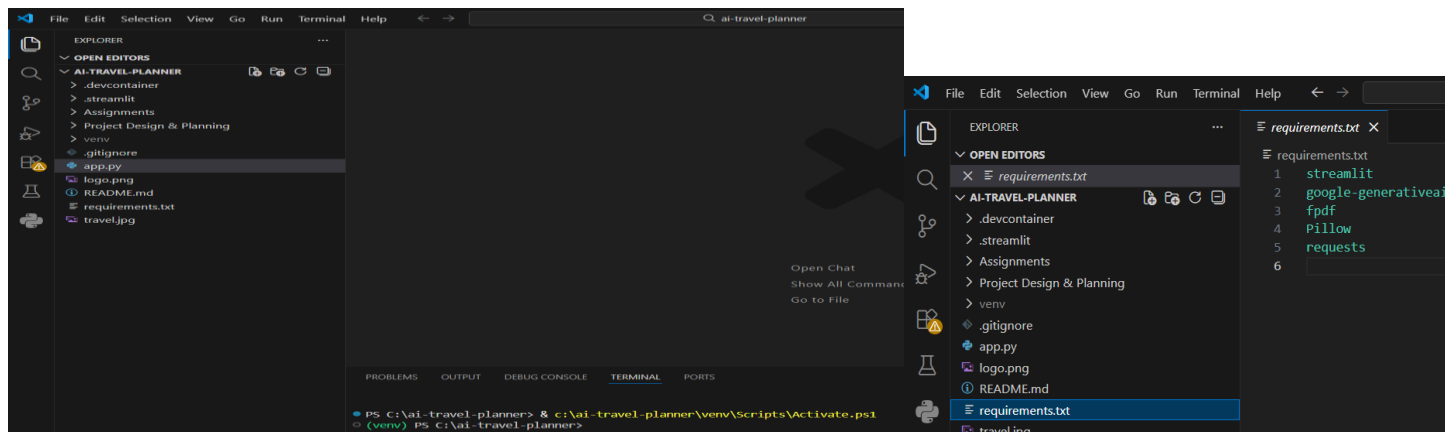
Sprint-3	Web Application Development	AI-7	Designing Streamlit UI	High	Gandi Rajesh	11/02/2026	15/02/2026
Sprint-3	Web Application Development	AI-8	Taking user inputs (destination, days, nights)	High	Gandi Rajesh	11/02/2026	15/02/2026
Sprint-3	Web Application Development	AI-9	Displaying generated itinerary	Medium	Gandi Rajesh	11/02/2026	15/02/2026
Sprint-4	Additional Features & Deployment	AI-10	Generating downloadable PDF itinerary	Medium	Gandi Rajesh	16/02/2026	19/02/2026
Sprint-4	Additional Features & Deployment	AI-11	Adding travel images via API	Low	Gandi Rajesh	16/02/2026	19/02/2026
Sprint-4	Additional Features & Deployment	AI-12	Final testing and bug fixing	High	Gandi Rajesh	16/02/2026	19/02/2026

Sprint Explanation

□ Sprint 1 – Requirement Analysis & Setup

In this sprint, the project idea was finalized and the required technologies were identified. The development environment was set up, including installing Python, Streamlit, and required libraries. Research was conducted on how generative AI can be used to create travel itineraries

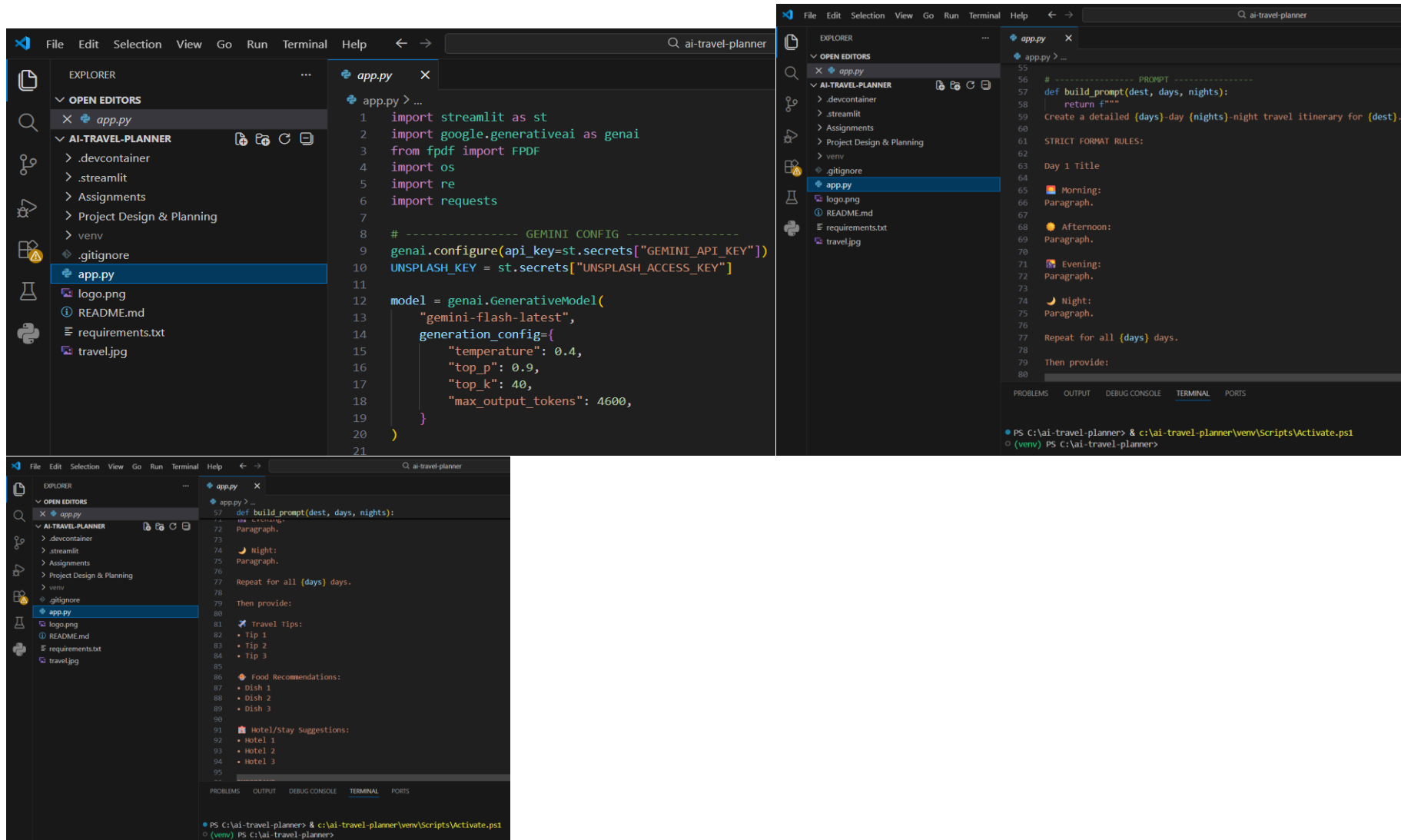
Screenshot:



□ Sprint 2 – AI Model Integration

This sprint focused on integrating the Generative AI model into the project. The API key was configured, prompts were designed to generate structured itineraries, and responses were tested for accuracy and formatting.

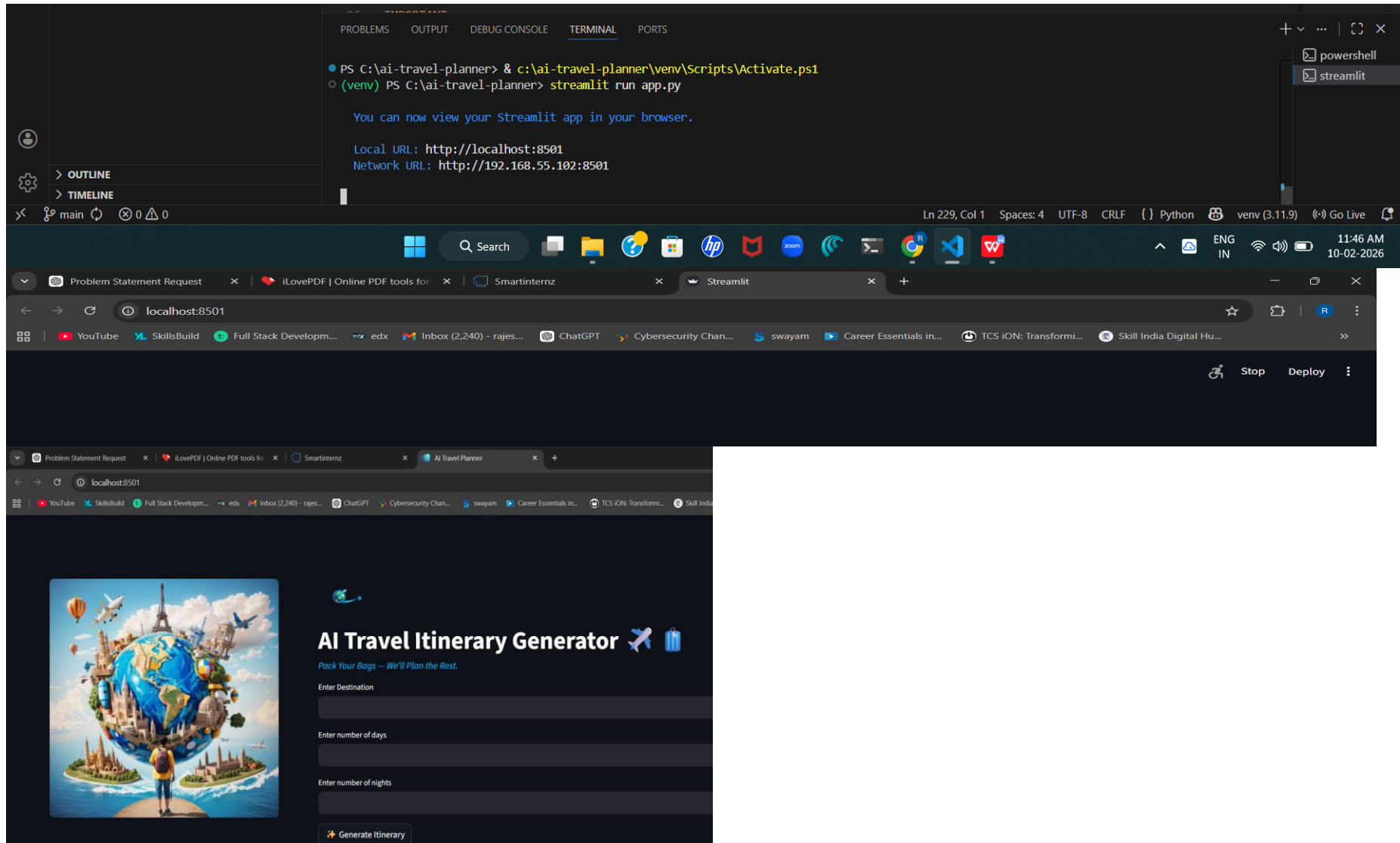
Screenshot:



❑ Sprint 3 – Web Application Development

During this sprint, the Streamlit-based user interface was developed. Input fields for destination, days, and nights were added, and the AI-generated itinerary was displayed dynamically on the webpage.

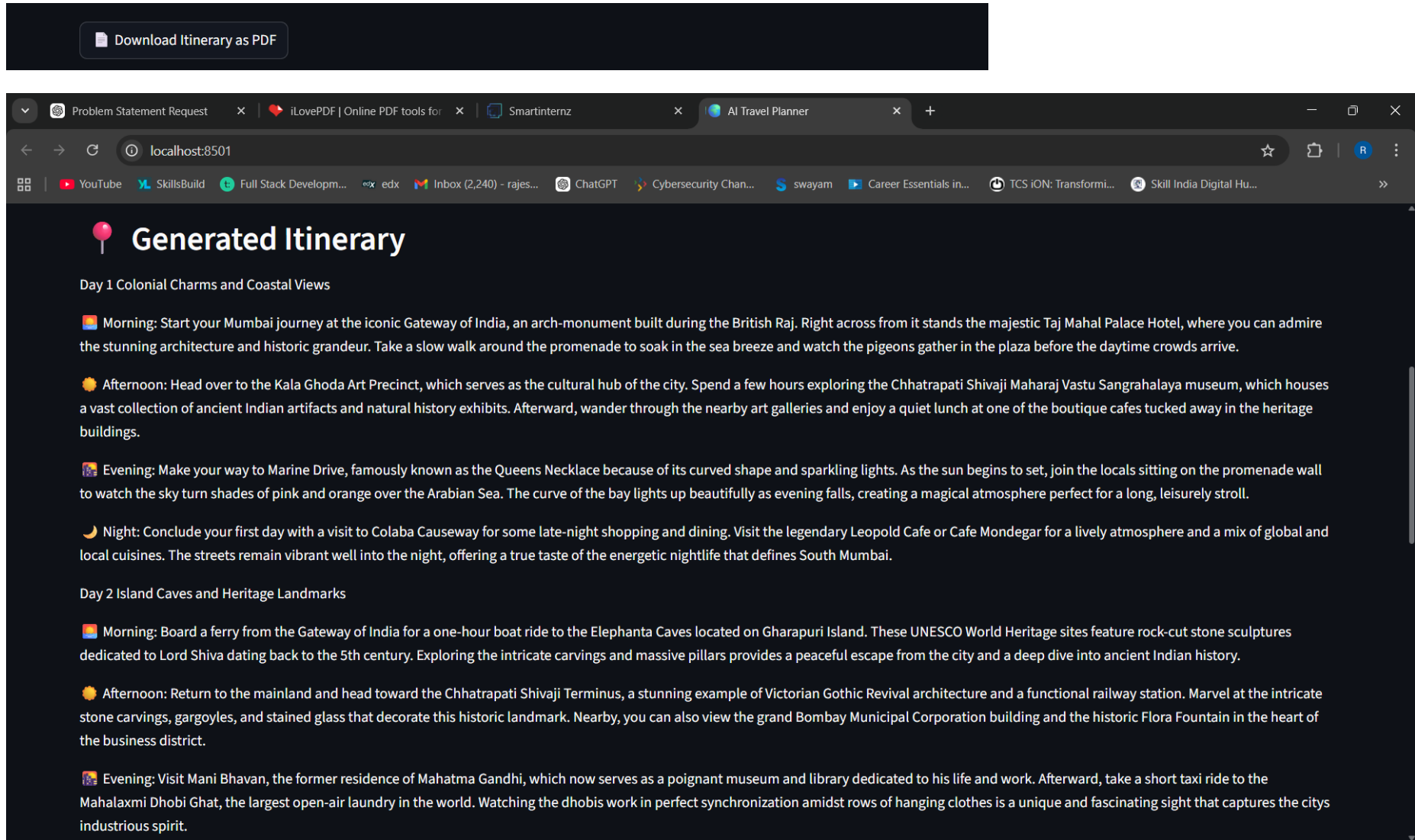
Screenshot:



□ Sprint 4 – Additional Features & Deployment

This sprint included generating a downloadable PDF of the itinerary, adding travel images using an API, and performing final testing. The application was refined for better user experience and stability.

Screenshot:



Problem Statement Request

iLovePDF | Online PDF tools for

Smartinternz

AI Travel Planner

localhost:8501

YouTubeSkillsBuildFull Stack Develop...edxInbox (2,240) - rajes...ChatGPTCybersecurity Chan...swayamCareer Essentials in...TCS iON: Transfomi...Skill India Digital Hu...

Morning: Begin your final day at the Haji Ali Dargah, a beautiful mosque and tomb located on an islet off the coast of Worli. Accessible only during low tide via a narrow causeway, it is a place of great spiritual significance and architectural beauty. Afterward, visit the nearby Mahalaxmi Temple, dedicated to the goddess of wealth, to witness the morning prayers and vibrant flower markets.

Afternoon: Dive into the chaotic and colorful world of traditional markets in South Mumbai. Start at Crawford Market for fruits, spices, and household goods, then move toward Mangaldas Market for exquisite textiles and fabrics. If you are looking for antiques or unique curios, a quick trip to Chor Bazaar, known as the Thieves Market, offers an unforgettable shopping experience.

Evening: Take a drive across the Bandra-Worli Sea Link, an architectural marvel that connects the two parts of the city over the Arabian Sea. Head to the Worli Sea Face to enjoy the view of the bridge from a distance as the lights come on. It is a great spot to reflect on your trip while watching the waves crash against the promenade rocks.

Night: For your final dinner, head to the refurbished mill compounds of Lower Parel, such as Kamala Mills or Mathuradas Mill. These areas have been transformed into luxury dining and entertainment hubs featuring some of the best restaurants in the country. Toast to your Mumbai adventure at a rooftop bar with a view of the city skyline before heading to the airport.

Travel Tips: • Use the local trains during off-peak hours between 11 AM and 4 PM to experience the city's lifeline without the extreme rush. • Download a ride-sharing app like Uber or Ola for reliable transport, or use the iconic black and yellow taxis which always run on meter. • Carry a reusable water bottle and stay hydrated throughout the day, as the humidity in Mumbai can be quite intense regardless of the season.

Food Recommendations: • Vada Pav, the ultimate Mumbai street food consisting of a spicy potato fritter inside a soft bread bun with garlic chutney. • Pav Bhaji, a thick and spicy vegetable curry served with heavily buttered bread rolls, best enjoyed at local stalls. • Bombay Sandwich, a unique toasted sandwich filled with thin slices of vegetables, mint chutney, and a special spice mix.

Hotel/Stay Suggestions: • The Taj Mahal Palace in Colaba for a luxury heritage experience right by the sea and the Gateway of India. • Trident Nariman Point for stunning views of the Queens Necklace and excellent service in the heart of the business district. • Bloom Hotel in Juhu for a modern, bright, and mid-range stay that is close to the beach and the international airport.

Download Itinerary as PDF

Problem Statement Request


iLovePDF | Online PDF tools for

Smartinternz

AI Travel Planner

localhost:8501

YouTubeSkillsBuildFull Stack Develop...edxInbox (2,240) - rajes...ChatGPTCybersecurity Chan...swayamCareer Essentials in...TCS iON: Transfomi...Skill India Digital Hu...



AI Travel Itinerary Generator

Pack Your Bags — We'll Plan the Rest.

Enter Destination

mumbai

Enter number of days

4

Enter number of nights

3

Generate Itinerary