FULL STACK
PROJECT ABSTRACT

Submitted by,

Anagha Harindranath

S2 Mtech AI

AM.SC.P2ARI24015

AI-Based Travel Planner & Packing Assistant

Abstract:

In today's fast-paced world, planning a trip can be overwhelming, with travelers needing to consider destinations, budgets, packing essentials, and real-time conditions. This project aims to develop an AI-powered web-based Travel Planner & Packing Assistant that streamlines the travel preparation process.

Users can input key trip details such as destination, duration, budget, and climate preferences. The AI then provides:
Personalized Destination Suggestions – Recommends travel spots based on user interests and budget.
Smart Packing List – Generates an optimized packing checklist tailored to the weather, planned activities, and personal preferences.
Real-Time Travel Insights – Offers dynamic travel tips, local guidelines, and itinerary suggestions based on live data.

The system will integrate machine learning models, weather APIs, and real-time travel databases to ensure accurate and efficient recommendations. This AI-driven approach enhances travel convenience, reduces last-minute hassles, and ensures a well-prepared journey tailored to the user's needs.