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Institution : VIT Vellore

Course : MTech (Artificial Intelligence and Machine Learning)

Project title : Multi-Agent AI Travel Planner with Real-Time Guidance

Summary :

The Multi-Agent AI Travel Planner combines the reasoning of Large Language Models (LLMs) with Google Maps APIs to create personalized travel itineraries. It provides recommendations for various points of interest and adapts routes for specific vehicle types. The system displays stop on an interactive map with category-specific markers and generates a shareable trip link. Designed to be modular and user-friendly, it offers real-time route generation and intelligent stop selection. Optional features like multilingual voice input enhance its practicality. By integrating LLM decision-making with live geographic data, it delivers a smart, cutting-edge travel planning experience.