AI Based Trip Planner

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Abstract: *Technology has changed the way we travel in amazing ways—it's easier than ever to plan trips and have great experiences. But even now, most travel planning tools don't really understand what each traveler personally wants. They often miss out on giving truly personalized and complete travel plans. That's where our project, the "Travel Itinerary Planner using AI," comes in. It's designed to make trip planning smarter and more personal by using artificial intelligence (AI) and natural language processing (NLP). The system takes into account things like how long you're traveling, where you're going, and even the weather to build the best possible plan just for you. The main idea is simple: we want to give people an easy-to-use tool that understands what they like, what they need, and what they're excited about. Instead of using the same generic plans, this system creates unique travel experiences based on real-time data and smart algorithms. That means no more boring, one-size-fits-all itineraries. With this AI-powered planner, travelers can enjoy stress-free, personalized journeys that truly match their interests. It's all about making travel planning easier, more fun, and totally tailored to you.*

Keywords*: Destination, Dates, Budget, Travel style, Accommodation, Activities, Transportation, Food, User preferences, Real-time Data, Hotel and Flight Booking*