

Gen AI Exchange Hackathon

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Problem Statement : AI-driven system that creates dynamic travel itinerary creation and seamless booking across India

Brief about the prototype:

Our solution is an AI-driven travel planner that generates, personalizes, and books end-to-end itineraries instantly, addressing the pain points of time-consuming planning, lack of personalization, and fragmented bookings. Leveraging Google GenAI and real-time data, travellers get unique, adaptive plans and can book all components—including transport, stay, and experiences—with one click and full cost transparency.



Destiny

YOUR JOURNEY, REIMAGINED

How different is it from any of the other existing solutions?

- Uses Gemini AI and Vertex AI for deep personalization, analysing detailed user interests beyond generic recommendations.
- Adapts plans in real-time automatically based on events, delays, and weather changes for a dynamic travel experience.

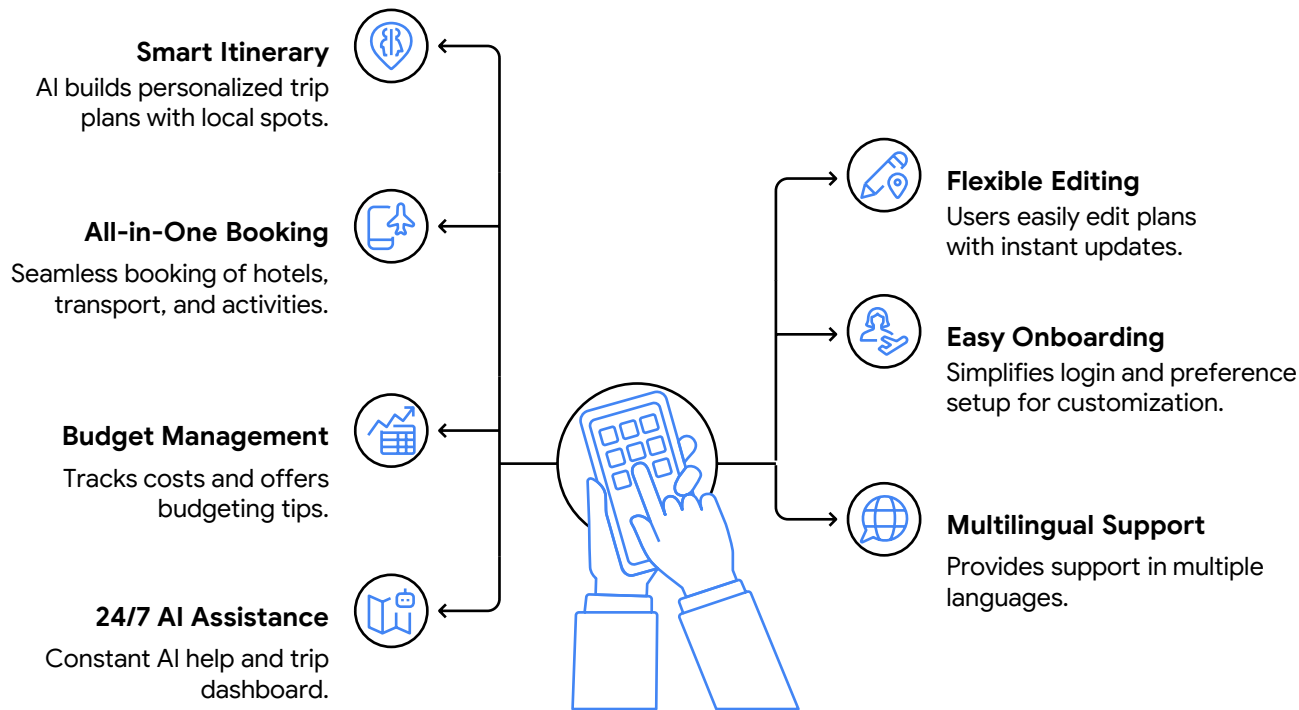
How will it be able to solve the problem?

- Generates customized itineraries tailored to traveler profiles, budgets, and interests such as heritage or nightlife.
- Continuously updates travel plans using real-time data like weather and events, enabling instant booking and secure payment seamlessly.

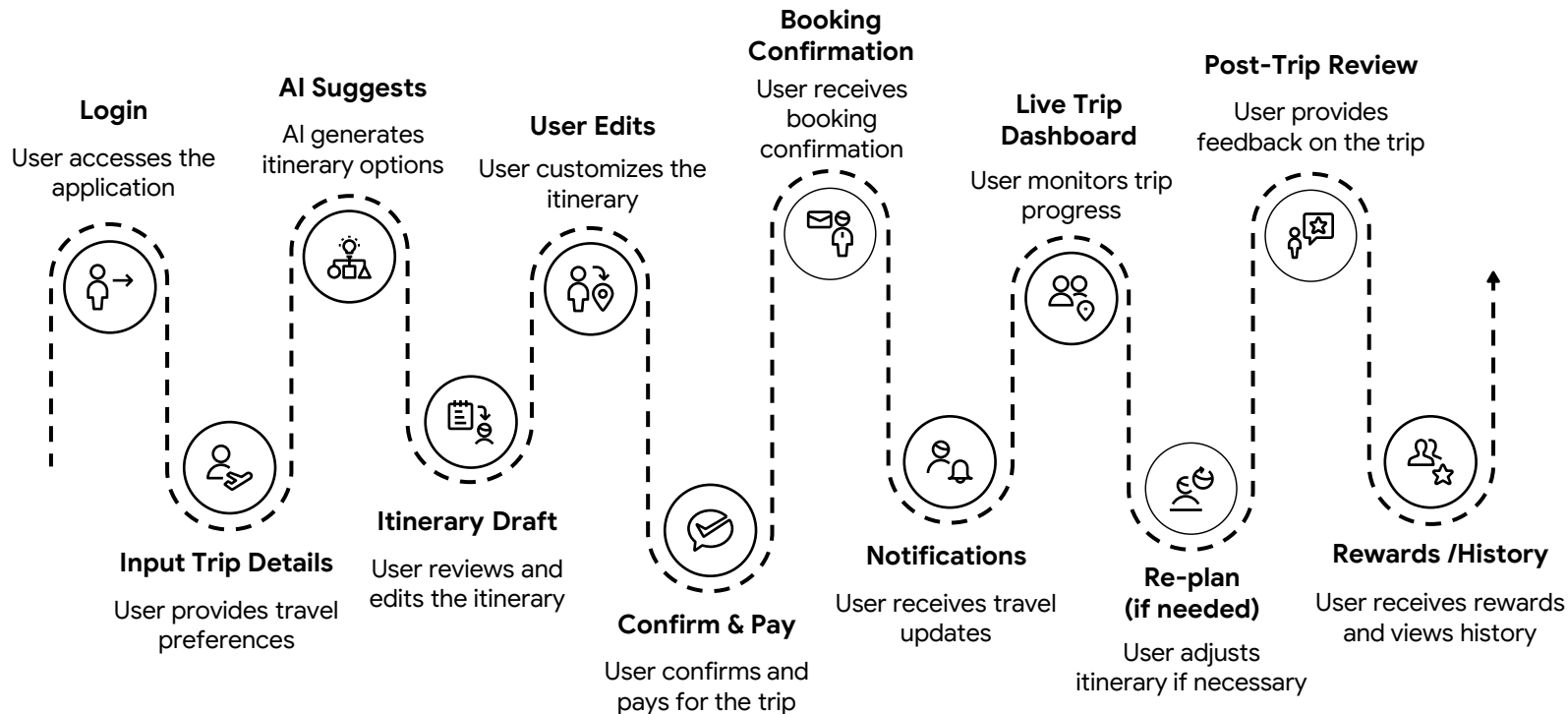
USP of the proposed solution

- Provides a comprehensive solution from trip planning to booking, payment, and on-trip support all in one platform.
- Delivers personalized discovery of hidden gems and local experiences that optimize cost and evolve with user interaction.

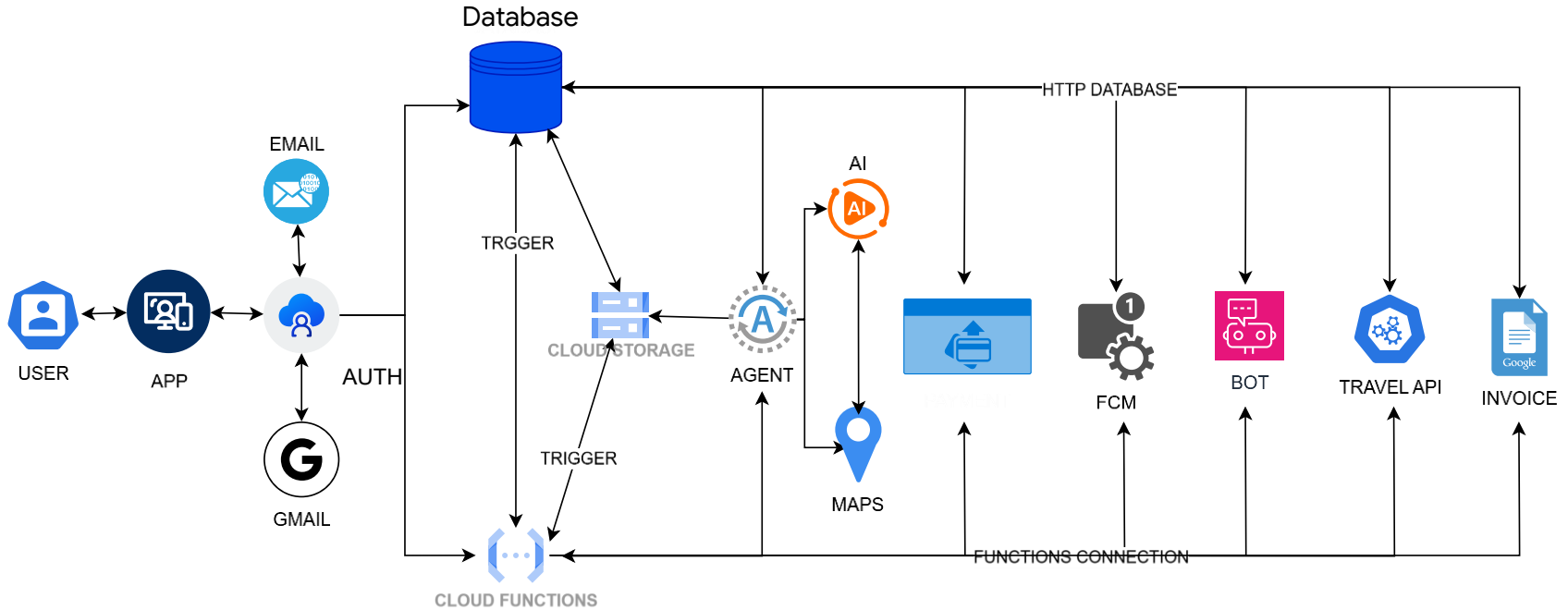
List of features offered by the solution



Process flow diagram or Use-case diagram



Architecture



Technologies to be used in the solution:

Frontend Development

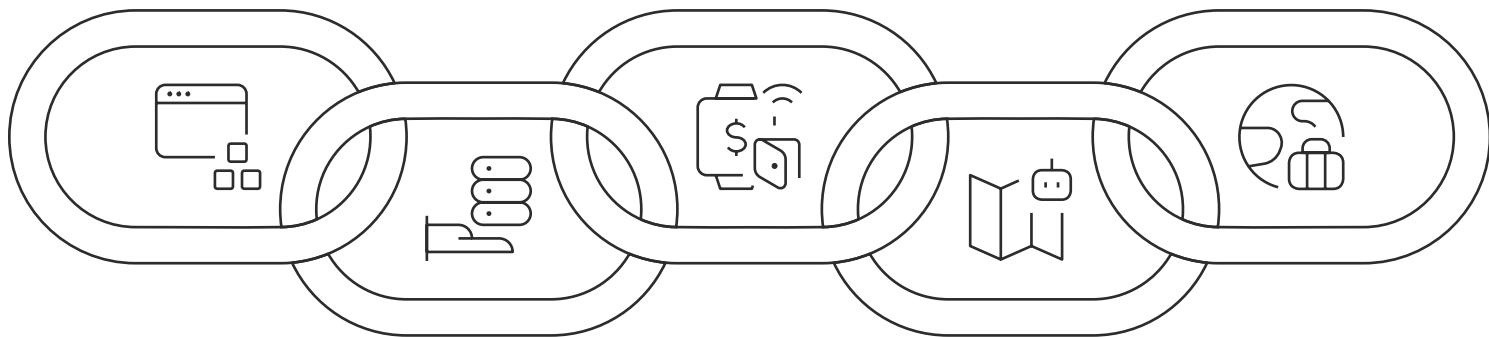
Next.js and Tailwind CSS for a performant and visually appealing UI.

Payment Processing

Stripe integration for secure and reliable payment transactions.

Travel Data Integration

Adivaha Travel APIs providing access to travel-related data and functionalities.



Backend Services

Firebase handling authentication, data storage, and serverless functions.

AI and Location Services

Google AI and Maps APIs enhancing application intelligence and location features.

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Thank you