



Accenture Innovation Challenge

Harness Generative AI to develop innovative solutions that boost business and societal growth

Team details

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AI powered tourism guide and trip planner (with sustainable travel):

Problem Statement:

Travel Planning Complexity: Travelers face challenges in planning a comprehensive trip, including finding destinations, accommodations, transportation, activities, and creating personalized itineraries.

Fragmented Information: Information is scattered across multiple platforms, making it difficult to streamline the experience.

Lack of Sustainable Travel Options: Travel platforms often overlook sustainable options like eco-friendly accommodations

Description:

- The AI-powered tourism guide integrates all stages of a trip, from planning to booking to navigating the destination
- Users input preferences like budget, interests (e.g., adventure, relaxation), preferred destinations, and the AI generates a personalized trip itinerary.
- It also offers real-time travel updates, local events recommendations and sustainable eco-friendly transportation options.

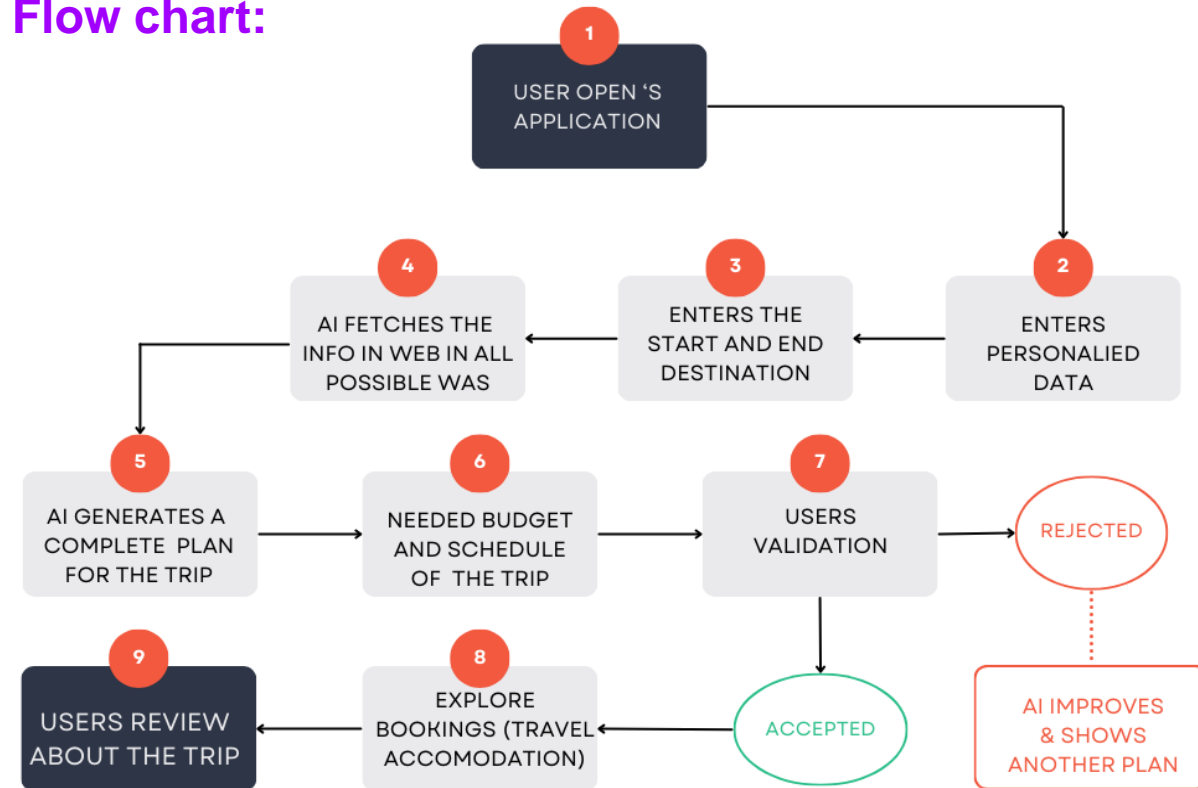
Impacts:

- ✓ **Convenience & Accessibility:** People gain access to all aspects of travel planning on a single platform, making it easier for anyone, including non-experts, to plan eco-friendly trips effortlessly.
- ✓ **Reduced Anxiety:** Automated itinerary creation, updates, and real-time recommendations reduce the stress of planning and adjusting trips on the go with sustainable travel.

Proposed solution:

- 🌀 Our Solution is to solve the issues in Trip or **travel management** by gathering the **fragmented** (scattered) information over the internet by use of **AI**
- 🌀 We introduce our app called : **TripAI**
- ✓ **End-to-End Trip Planning:** From selecting a destination to booking flights, accommodations, and creating a tailored itinerary, the AI manages the entire process.
- ✓ **Personalized Experience:** The AI analyzes user preferences, travel history, and current trends to recommend destinations, activities, and experiences tailored to individual tastes.
- ✓ **Smart Assistance:** In-trip features like real-time updates on weather, traffic, local events, and integration with translation and navigation services.

Flow chart:



Technology Used:

Flutter, machine Learning, Natural Language Processing (NLP), Real-Time Data APIs, G-maps, Matrix Factorization, Google Cloud AI / Tensor Flow, AES

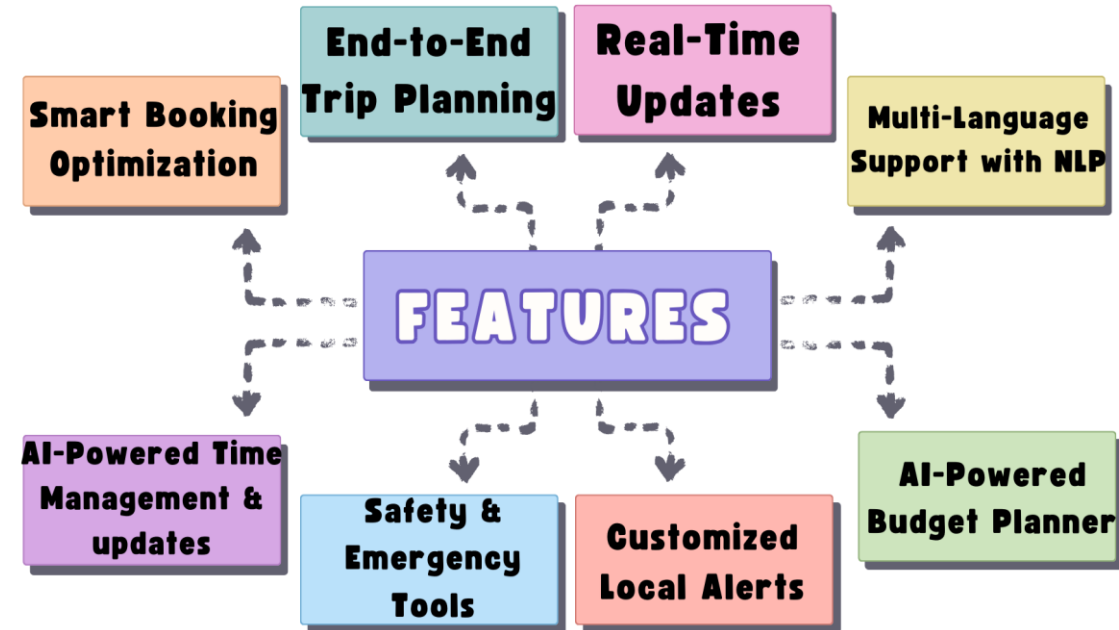
The change with the power of Technology:

- **AI & Machine Learning:** AI analyzes data from past trips, user reviews, and trends to predict and suggest optimal travel routes, times, and experiences.
- **Natural Language Processing:** The system can respond to user queries about destinations, accommodations, or activities in real-time, offering solutions or recommendations
- **Augmented Reality (AR):** Enhance the travel experience by offering AR-guided tours, virtual previews of destinations, or interactive maps to help users navigate.
- **Block chain for Transparent Sustainability:** Uses block chain technology to verify and highlight eco-friendly accommodations, carbon offsets, and sustainable travel options to ensure transparency and trust.
- **Smart Algorithms for Green Navigation:** Offers eco-friendly routes for travel, reducing emissions by recommending public transport, biking, or walking where feasible, and incorporating real-time updates on greener alternatives.
- **Figma:** To make a creative and blissful UI and UX design which satisfies the user feel comfortable and engaging in using our app

The uniqueness from other solutions in market:

Uniqueness of the solution

- ✓ **Fully Integrated:** Unlike other platforms focusing only on certain aspects (like accommodations or activities), this solution covers everything from planning to execution. and local Economic Development
- ✓ **Enhanced Personalization:** Offers hyper-personalized travel plans by using AI to deeply analyze users' preferences and create truly custom experiences
- ✓ **Real-Time Adaptability:** The AI dynamically updates itineraries based on changing conditions (e.g., weather, traffic, events), user preferences and sustainability in involving the traveling part.

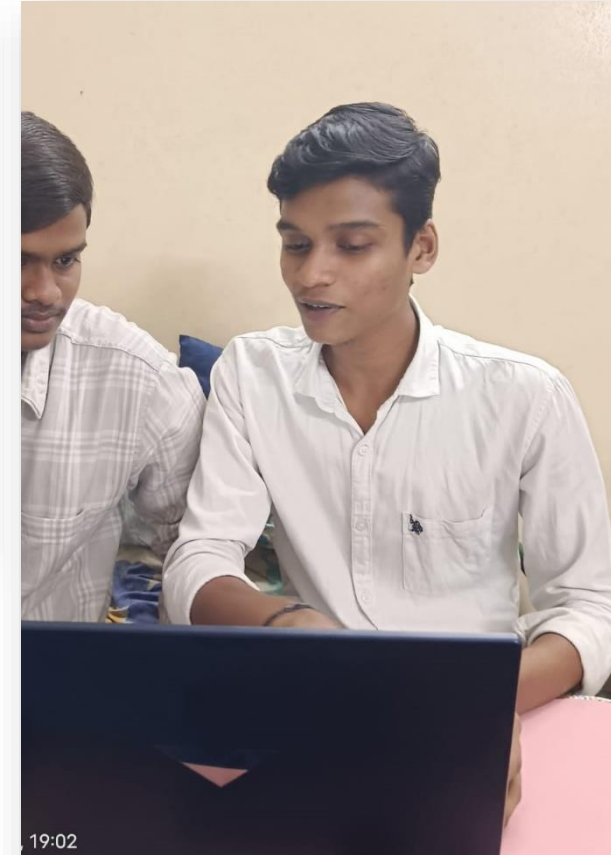


- PATENT FILED : No

Yes, We have a working model:

Received testimonials:

We received many testimonials as user feedbacks with more positive and some negative opinions, and some of them we recorded the are:



The testimonial(user feedback) is collected by our teammate **Praveen** from our Team **Rebooterz** :

During this testimonial session many users said positive feedback about our app, as it greatly reduces the effort and stress of the trip planning, scheduling, time management and navigation, and some opinions that app **networking** and **marketing** is not done efficiently because as we don't have any investors so far for this app(TripAI). This issue will be rectified in development of this app in the future.

*Testimonials received on:
25-09-2024*

A 1-minute video of your idea:

A detailed Video about our project By our team **Rebooterz**:

REBOOTERZ:

ACCENTURE

A DETAILED VIDEO ABOUT OUR TOPIC:

AI powered tourism guide and trip planner
(with sustainable travel):

PRESENTED BY:

Praveen(team member of Rebooterz)

YouTube Video link:

<https://youtu.be/NKo8HeSgF4Y>

Thank you!

