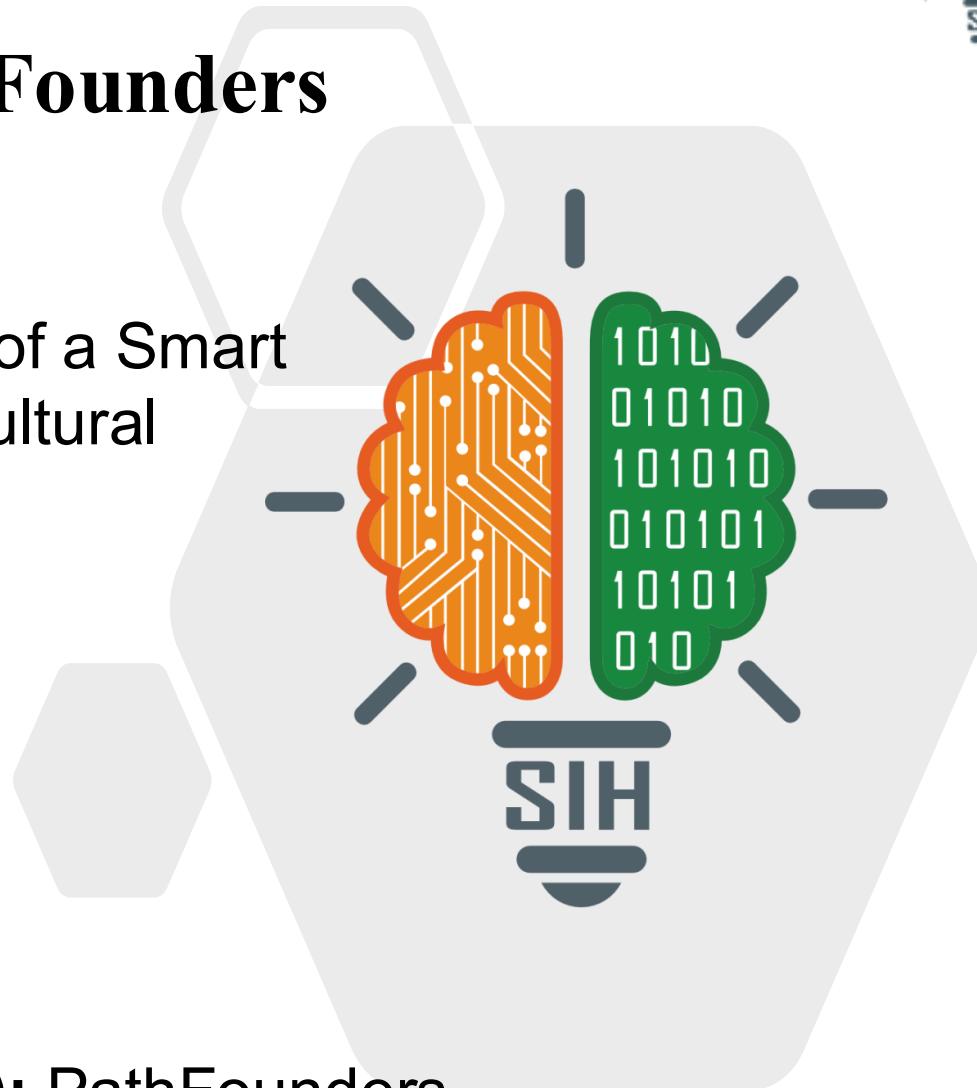


SMART INDIA HACKATHON 2025



PathFounders

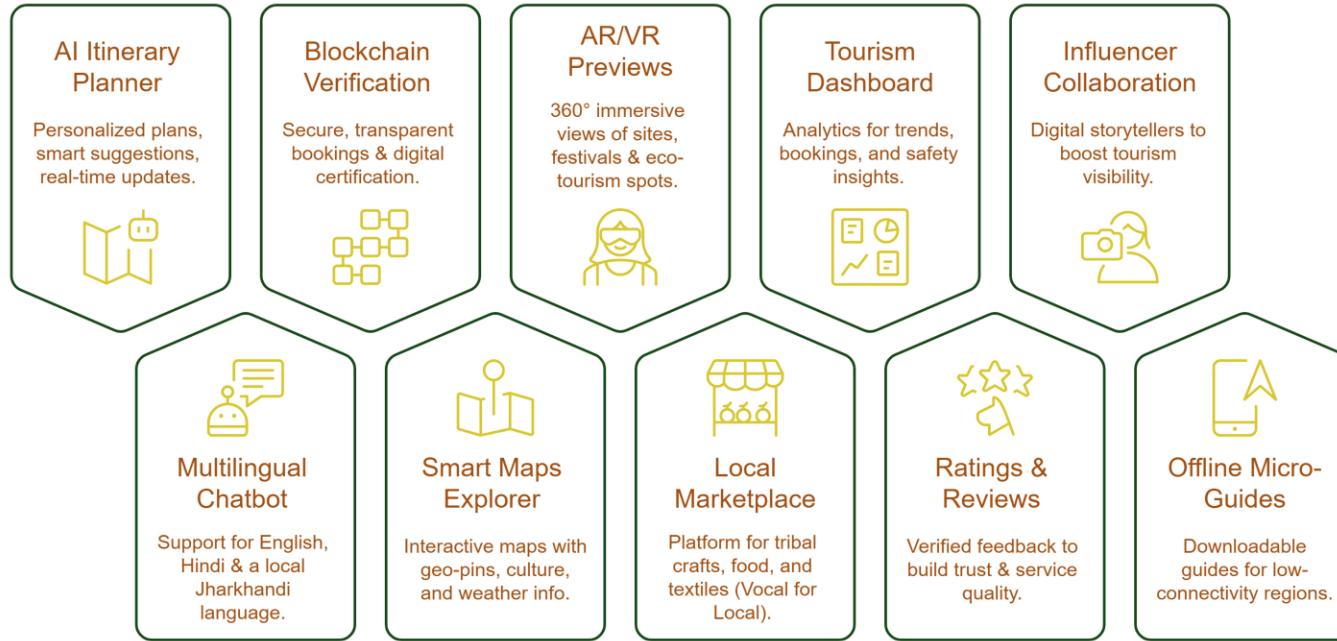
- **Problem Statement ID:** SIH25032
- **Problem Statement:** Development of a Smart Digital Platform to Promote Eco & Cultural Tourism in Jharkhand
- **Theme:** Travel & Tourism
- **PS Category:** Software
- **Team ID:** 58248
- **Team Name(Registered On Portal):** PathFounders



AI-POWERED ECO & CULTURAL TOURISM PLATFORM FOR JHARKHAND



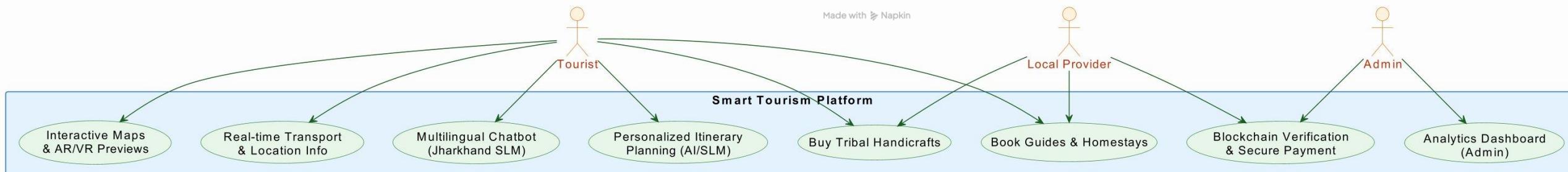
Proposed Solution:



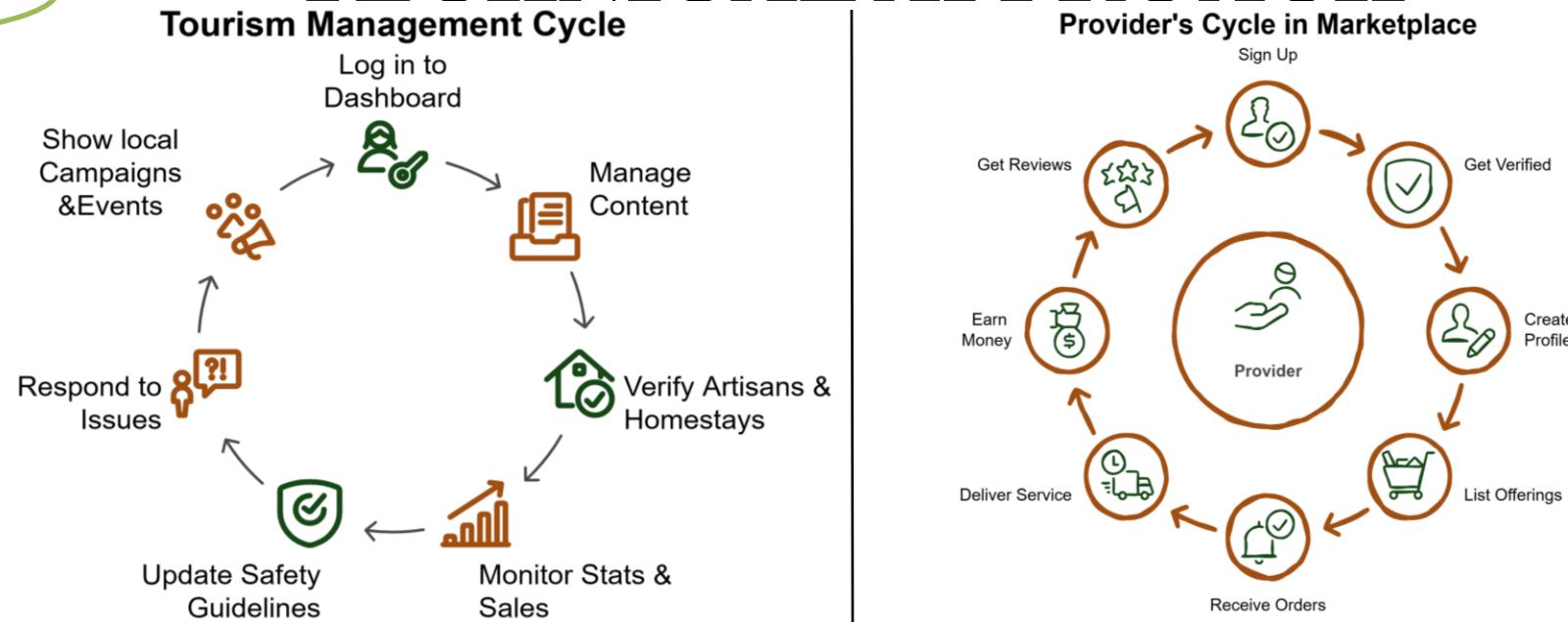
How to plan and enjoy a trip?

- Open Portal Select language for navigation
- Explore Destinations Discover potential travel spots and activities
- Plan with AI Use AI to create a personalized itinerary
- Shop Local Crafts Support local artisans and find unique souvenirs
- Check Safety Info Ensure a safe and secure travel experience
- Ask Chatbot Get instant assistance and answers to queries

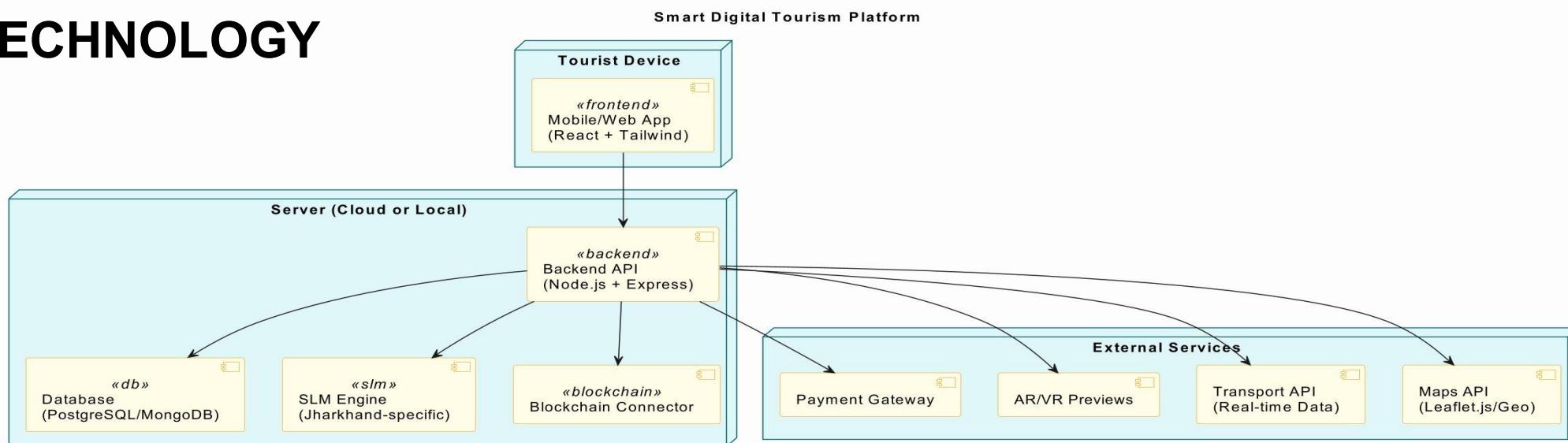
Use Case Diagram - Smart Digital Tourism Platform (Jharkhand)



TECHNICAL APPROACH



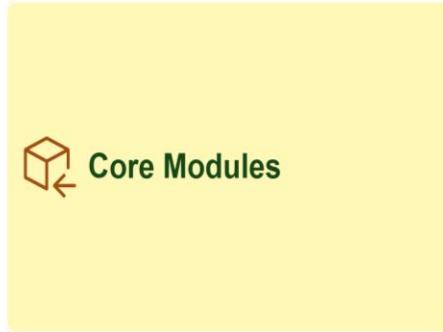
TECHNOLOGY



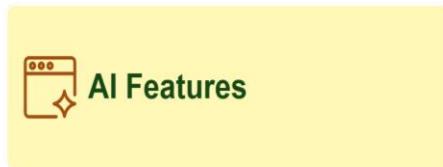
FEASIBILITY AND VIABILITY



Feasibility



Multilingual Support, Destination Explorer, AI-Powered Itinerary Planner, Smart Chatbot, Local Marketplace, and Analytics Dashboard —already under active development.



Leverages open APIs (maps, weather) and existing ML/NLP models.



Lightweight and scalable.



Modular frontend-backend design.



Easy for tourism portals in other states or regions.

Challenges and Risks



Connectivity Issues
Affects real-time AI features



Low Digital Literacy
Reduces marketplace adoption rates



Accuracy and Trust
AI itinerary generation concerns

Strategies to overcome

Community Onboarding

Maintains marketplace trust and authenticity



Offline Guides
Provides accessibility for tourists in remote locations

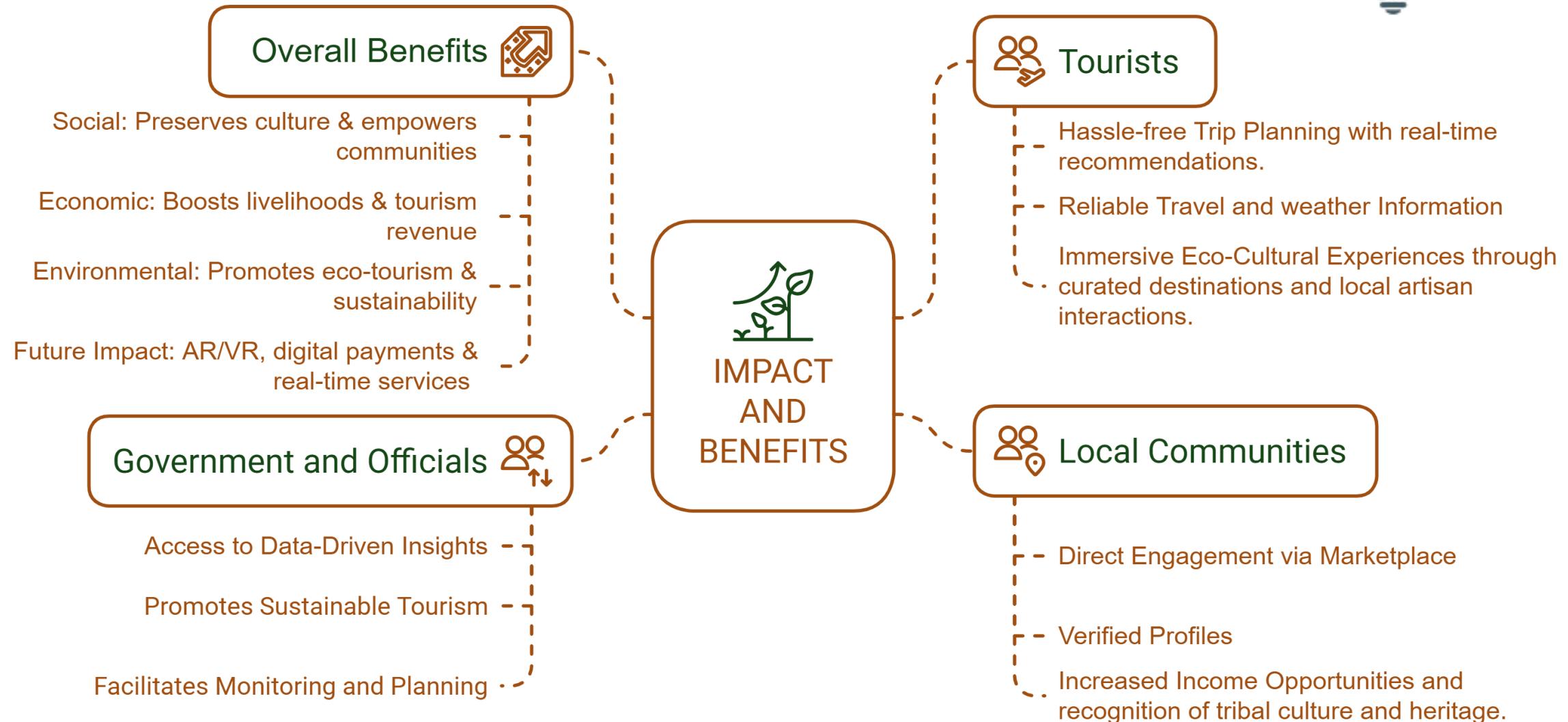


AI Recommendations

Generates reliable, culturally accurate suggestions



IMPACT AND BENEFITS



RESEARCH AND REFERENCES



- Jharkhand Tourism official portal.
- Articles on eco-tourism and tribal culture in Jharkhand.
- Research papers on AI-powered tourism solutions.
- Studies on blockchain-based verification systems.
- Inspirations: Incredible India, Airbnb Experiences, MakeMyTrip AI Assistant.

Team -

- Varun Narayan Jain
- Vaishnavi Kaushal
- Charvi Gupta
- Archisha Garg
- Pratham Mishra
- Shaurya Aggarwal

GitHub: [Jharkhand Tourism](#)

Video Presentation: [Jharkhand Tourism Prototype](#)