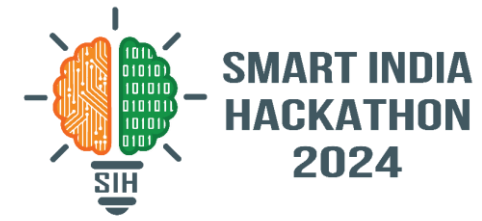


SMART INDIA HACKATHON 2024



Idea that show case the Culture heritage & Tradition of India

- Problem Statement ID - 1598
- Problem Statement Title - Student Innovation
- Theme - Heritage & Culture
- PS Category- Software
- Team ID - 8061
- Team Name - Saffron_Soul_103



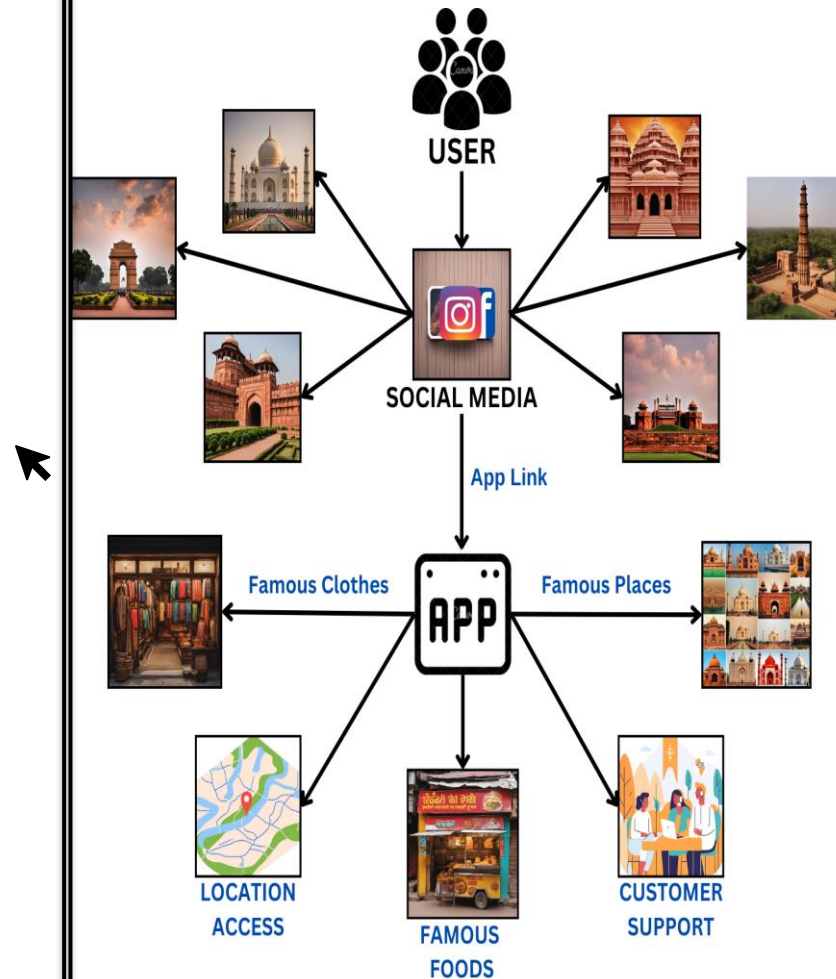
Discover Incredible India

An App to Explore Culture, Cuisine, tradition and Heritage

Idea/Solution

- Our app offers an **unparalleled opportunity** to explore India's rich cultural landscape from **travel planning** to cultural immersion and shopping experience India like never before.
- Our app provides **in-depth information** on each Indian state, covering cultural traditions, **iconic landmarks**, **local cuisine** with the single click.
- Users can access detailed insights about their chosen destinations, including **vital information** about local shops, **average prices for food** and **goods**, ensuring transparency and protection against **tourist scams**.
- Beyond an app, our platform extends to website and active social media channels (**Instagram**, **Facebook**, **YouTube**), strategically designed to captivate a **global audience** towards India.

Idea Flow Chart



Key Feature

- **Famous visiting places**
- **Price Guide**
- **Sharing option of photos & videos**
- **Traditional Shops of food & Clothes**
- **Cultural Festivals & Events (Calendar)**
- **Suggestion of next Place**
- **Rating Option**

Frontend

Flutter 3: Cross-platform, high-performance.

React Native: Enhanced UI complexity, faster rendering.

Svelte & Svelte Kit: Simple, performant, SEO-friendly.

App Workflow Diagram



Backend

Node.js: Secure, Scalable, TypeScript-ready

Java: High performance, Robust security

Supabase: Serverless, real-time Postgres.

Location & AR

AR Core: Enhanced AR experiences

Map box GL JS v2: Customizable, interactive maps

Develops

Vercel: Edge Functions, fast deployment

AWS Amplify: Figma integration, rapid UI to code

Security

Passkeys: Password less, biometric login

Auth0 Adaptive MFA: Context-aware security.

Cloud

AWS Lambda: Efficient serverless computing

Google Cloud Run: Auto-scalable serverless containers

Technical Feasibility

☐ Frontend

- ✓ React Native/Flutter for cross-platform
- ✓ HTML/CSS/JS for web

☐ Backend

- ✓ Node.js, Python, or Java with flexible database

Economic Feasibility

☐ Costs

- ✓ Manage cloud and payment fees

Legal Feasibility

☐ Compliance

- ✓ Ensure data privacy compliance

Operational Feasibility

☐ APIs

- ✓ Google Maps API/Mapbox for geolocation

☐ Cloud

- ✓ AWS or Google Cloud for hosting

CHALLENGES/RISKS

- 1 Latest Information
- 2 Market Adoption
- 3 Cultural Sensitivity
- 4 Engagement

SOLUTIONS/BENIFITS

- 1 Hire experts for accuracy; update regularly
- 2 Targeted marketing; partner with influencers
- 3 Collaborate with communities use advisory boards
- 4 Implement gamification; send notifications

Potential Impact of the IDEA

- ❑ Cultural Awareness: **Enhances understanding**
- ❑ Tourism Boost: **Across all over India**
- ❑ Local Communities: **Economic benefits**
- ❑ Cultural Preservation: **languages** and **art forms**
- ❑ Personalized Experiences: **virtual tours**
- ❑ Increased Accessibility: **multi-language support**
- ❑ Cross-Cultural Understanding: **Global appreciation**

Benefits of the solution

- ❑ Cultural Education: **History, art, and festivals**
- ❑ Tourism Promotion: Highlight **heritage sites** etc
- ❑ Preservation: **Share endangered traditions**
- ❑ Cultural Exchange: **International users**
- ❑ Local Artisans: **Boosting local economies**
- ❑ Interactive Experience: **VR & AR tours**
- ❑ Event Information: **Provide Calendar**

❑ ChatGPT & GPT-4

- ✓ <https://chatgpt.com/share/7af4d74f-43cc-4f6a-8604-c74e611d8e8c>
- ✓ <https://chatgpt.com/share/c3db1d7a-624d-4c06-819b-79745e19d720>

❑ Self & Group Discussions

- ✓ Collaborative brainstorming sessions that contributed to shaping the app concept

❑ YouTube

- ✓ Sources for visual inspiration and understanding user engagement trends.

❑ Canva

- ✓ https://www.canva.com/design/DAGPT4UTt_g/29grd3olAf-szfYVeyCaAw/edit?utm_content=DAGPT4UTt_g&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton
- ✓ https://www.canva.com/design/DAGPT4UTt_g/29grd3olAf-szfYVeyCaAw/edit?utm_content=DAGPT4UTt_g&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

❑ Similar apps

- ✓ No app is available in the market like ours