

Dept. of Computer Science and Engineering (Data Science)
Adichunchanagiri Institute of Technology, Chikkamagaluru

Mini Project Synopsis

TITLE: Travel Journal with Map Integration

Problem Statement: To develop a travel journal application that allows users to document their trips and experiences while automatically tagging entries with geographical locations on an interactive map. This provides users with a visual and contextual representation of their travels, enhancing the storytelling experience.

Description: This project involves creating an application where users can log travel experiences, photos, and notes, which will be linked to a corresponding location on a map. Using geolocation services, the app will place journal entries on an interactive map, providing an organized and intuitive way for users to visualize their journeys. Additional features might include the ability to track live routes, share entries with friends, and integrate with social media platforms.

Expected Outcomes: The project will deliver a fully functional travel journal system with seamless map integration, enabling users to visualize and share their travel logs. It will offer a unique, engaging way for travellers to document their experiences, with potential for use in personal, professional, or tourism-based applications.

Technologies and Tools:

- **Languages:** Python, JavaScript
- **Libraries/Frameworks:** Leaflet.js/Mapbox (for map integration), Django/Flask (for web backend), SQLite (for database)
- **APIs:** Google Maps API/OpenStreetMap API
- **Additional Tools:** HTML, CSS for frontend development; React.js (optional for interactive UI)

Team Members:

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Signature of the Guide with date

Signature of the Coordinator with date