Student Innovation on Travel & tourism

Batch Number:**CCS-G06**

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Problem Statement Number:**PSCS299**

Organization: AICTE, MIC-Student Innovation

Category: Software

Difficulty Level: Simple

Problem Description: “Student Innovation in Travel & Tourism” platform is a comprehensive web-based solution designed to enhance the travel experience for users. It offers features like destination listings, hotel recommendations, and an interactive search function to simplify the travel planning process. With personalized suggestions, users can find accommodations that fit their preferences and budget. The platform integrates Google Maps, providing real-time navigation for easy exploration. Secure authentication ensures the safety of user data and enables personalized experiences, such as saving favorite destinations. The seamless booking system allows users to plan and confirm their trips effortlessly. This solution supports both travelers and local tourism industries, boosting accessibility and tourism growth.

Github Link

The Github link provided should have public access permission.

Github Link : https://github.com/saichaitanyakoduri/Travel_-_Tourism.git

Analysis of Problem Statement

Technology Stack Components:

- **Frontend** : HTML, CSS, JS, Bootstrap,ReactJs
- **Backend** : Node.js with Express.js,
- **Database** : MYSQL
- **Hosting:** Hostinger(both frontend and backend)
- **Maps Integration:** Google Maps API or OpenStreetMap

Analysis of Problem Statement (contd...)

Software and Hardware Requirements:

Software Requirements :

Operating System: Windows, macOS, or Linux.

Frontend Tools: Visual Studio Code, Node.js, npm/yarn, React.js/Next.js, Google Maps API.

Backend Tools: Visual Studio Code, Node.js, Express.js, MongoDB/PostgreSQL/MySQL, Postman, Firebase Auth/JWT.

Web Hosting: Hostinger(both frontend and backend).

Version Control: Git.

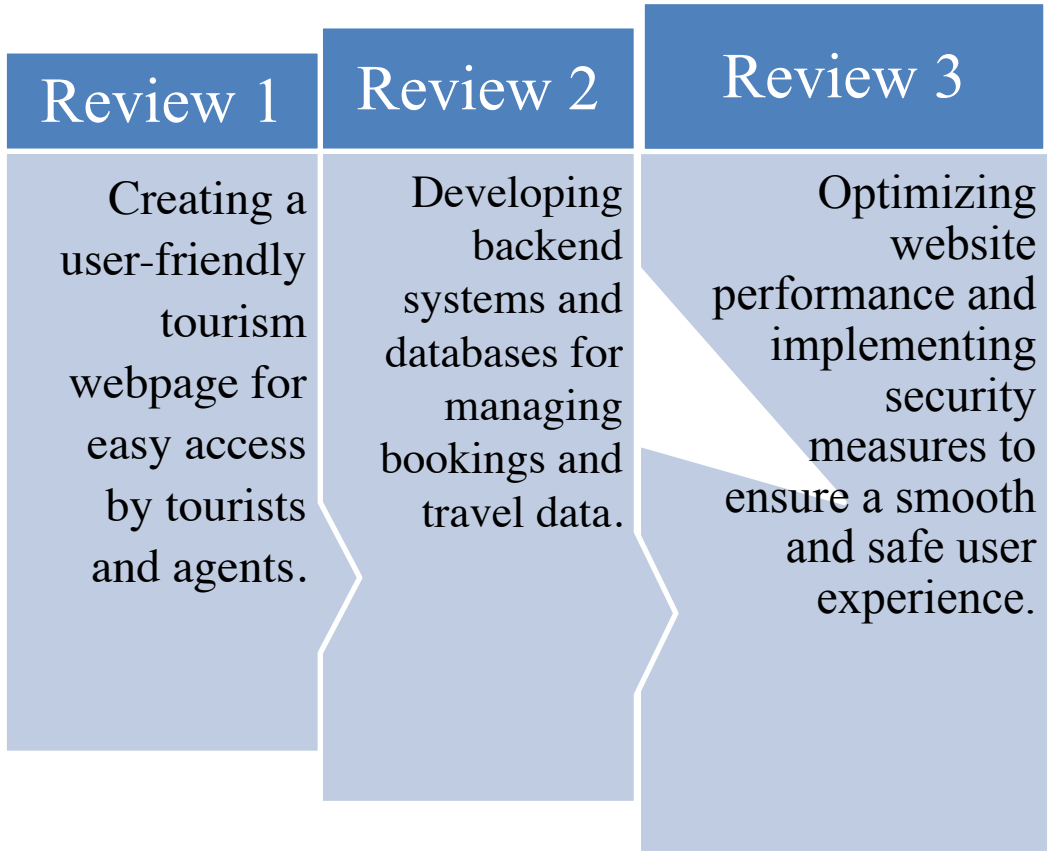
Analysis of Problem Statement (contd...)

Hardware Requirements :

Development Machine: Intel i5/i7 (dual-core/quad-core), 8GB RAM (16GB recommended), 256GB SSD (512GB recommended).

Additional Hardware: External storage (for backups), mobile devices (for testing mobile responsiveness).

Timeline of the Project (Gantt Chart)



References (IEEE Paper format)

- ➢ Add APA Citation for all references.
- ➢ Use the below link for various APA styles :

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