

Tourist Guide

Gokul R Nath¹ and Miriam Thomas²

Student, IV Semester, MCA¹

Assistant Professor, Department of Computer Applications²

Sree Narayana Institute of Technology, Kollam, Kerala, India

gokulnath197@gmail.com¹ and miriamthomas@gmail.com²

Abstract: *The main objective of this project is to create a comprehensive geographic-based information system that offers valuable insights into various destinations, hotels, transportation options, and restaurants. The system primarily targets tourists who lack familiarity with the places they wish to visit. Additionally, it aims to assist individuals relocating to new cities by providing them with helpful guidance. The proposed system's key benefits lie in its ability to provide users with detailed information about different locations, accommodations, available transportation services, and dining establishments. This comprehensive approach ensures that users can make well-informed decisions when planning their trips or exploring new areas. One of the noteworthy features of the system is its advanced search functionality. Users can perform searches based on specific criteria, allowing them to narrow down their options according to preferences such as location, price range, amenities, and more. This advanced search capability empowers users to tailor their experiences to suit their unique needs and preferences. Ultimately, the geographic-based information system seeks to enhance the travel and exploration experiences of its users by offering a one-stop platform for all their planning needs. By utilizing this system, individuals can make the most out of their journeys, whether they are tourists seeking exciting adventures or newcomers to a city looking for essential information to settle in comfortably.*

Keywords: Tourist Guide testing process, Modern technologies, Tourist Guide data, MERN stack, System requirements

REFERENCES

- [1]. Buhalis, D., & Law, R. (2008). Progress in information technology and tourism management: 20 years on and 10 years after the Internet—the state of eTourism research. *Tourism Management*, 29(4), 609 -623. <https://doi.org/10.1016/j.tourman.2008.01.005> .
- [2]. Node.js Documentation. <https://nodejs.org/en/docs/>
- [3]. MongoDB Documentation. <https://docs.mongodb.com/>
- [4] React Documentation. <https://reactjs.org/docs/getting-started.html>
- [5]. Express. (2021). Express.js Guide. <https://expressjs.com/>
- [6]. W3Schools. <https://www.w3schools.com/>
- [7]. Stack Overflow. <https://stackoverflow.com/>
- [8]. Udemy. <https://www.udemy.com/>