

6BUIS020C - Final Year Project

Final Project Report

Guide Me

*Explore Sri Lanka, guided by Guide Me, Your perfect travel guide, right in
your pocket*

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Abstract

The project aims to address the challenges faced by tourists and local travellers in Sri Lanka who are looking for budget traveling despite the economic crisis. The project's objective is to research and analyze the existing systems, evaluate the technologies, and develop a comprehensive and user-friendly mobile application that helps tourists plan and book their trips. The project aims to enhance the overall travel experience, promote local businesses and tourism-related activities, increase the visibility and accessibility of information about Sri Lanka as a travel destination, and conduct primary research to get opinions from relevant stakeholders. The project's main goal is to increase tourist visits to Sri Lanka by providing a solution that helps tourists find optimal travel plans despite the economic crisis.

Due to the widespread use of mobile devices in recent years, individuals are communicating and exchanging information more often. For instance, when tourists are present, it is common for everyone to have a smartphone in hand to research popular tourist destinations. A tourist guide application that is used while travelling will provide helpful information based on the user's present location, preferences, and previous visits. The tourist guide then gives the user the option to comment on each visit. In this essay, we discuss the creation and salient characteristics of the Guide Me travel app. Consultation, publication, and recommendations of tourism destinations are offered by its mobile and web applications. Each user has the option to examine tourist attractions, obtain recommendations for previously unexplored tourist locations based on the advice of other users, and act on their recommendations. The main innovations of Guide Me, when compared to earlier recommender-based travel guides, are its interaction with social networks and the distinctive range of alternatives it provides. The service's recommendation engine was evaluated for usability and load, and the results indicated that the designed interfaces were adequate and had fast response times.