

Building a transportation route navigation system using Google Map API

Nguyen Thi Liem

Abstract: In the context of the increasing demand for efficient transportation network management, this topic focuses on building a transportation route positioning system based on the Google Map API. The objective of the research is to develop and implement an automated solution for accurately positioning and optimizing transportation routes to enhance the operational performance of the transportation system. The research methodology includes theoretical analysis of positioning and system design, combined with practical application deployment using the Google Map API. The expected outcome of the topic is to provide a useful tool for transportation managers to optimize operational processes and improve the overall performance of the transportation network.

Keywords: GPS system, Google Maps API, Transport routes, Transport management, Route optimization