

Building a smart travel application on the Android platform integrated with artificial intelligence

Hoang Van Chau Long

Abstract: In the context of increasingly advanced information technology, building a smart tourism application on the Android platform integrated with artificial intelligence is important for enhancing user experience. This project aims to develop a smart tourism support system with features such as tour recommendations, location positioning, and travel demand prediction based on big data analysis. The research method combines theory with experimentation, focusing on application deployment to verify effectiveness. The project is expected to make a significant contribution to the development of smart tourism technology and provide useful solutions for the tourism industry.

Keywords: Smart tourism, artificial intelligence, Android application, big data analytics, travel support