

Building an Android application to support smart tourism

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Abstract: In the context of rapidly developing information technology, building an Android application to support smart tourism has become necessary to address the lack of information and utilities for travelers. The objective of this project is to develop a system that provides navigation services, destination suggestions, and location reviews based on GPS and weather factors. The research method combines theory and experimentation to deploy the application on the Android platform. The project is expected to bring significant benefits to the tourism industry by improving customer experience and enhancing effective management.

Keywords: Mobile application, Smart tourism, Android, Travel orientation, Weather data