

Developing an application to support finding and renting rooms with integrated Google Maps running on the Android operating system

Van Bien Music

Abstract: In the context of the increasingly developing real estate market, finding suitable rental housing poses many difficulties for students and workers. This topic focuses on developing a mobile application to support searching and renting rooms on the Android operating system, integrating Google Maps to provide accurate locations of rental properties. The goal is to build a utility solution that enhances the efficiency of room searching through the organization of geographic information and user reviews. The research methodology includes the design and deployment of the application combined with experimental analysis to verify the feasibility and performance of the product. The expected result is a professional mobile application that improves the room searching experience and contributes to the development of the real estate market.

Keywords: Android application, Google Maps, Motel, Real estate management, Practical deployment