

Building a bus route lookup software in Thai Nguyen on the Android operating system.

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Abstract: This topic focuses on building a mobile application for looking up information about bus routes in Thai Nguyen city, based on the Android platform. The objective of the work is to meet the need for quick and accurate information for local residents as well as tourists. The research method includes analyzing user requirements, designing a user-friendly interface (UI/UX), then deploying and testing the system on several specific bus routes in Thai Nguyen. The expected results will provide a useful solution for public transport management as well as improve the quality of travel services for residents and tourists.

Keywords: Android software, Bus route lookup, Public transport management