

Building a parking space sharing application on the Android platform

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Abstract: This topic aims to assess the current situation of parking lot usage in urban areas and identify the need for developing a parking space sharing application to improve management efficiency. Through theoretical and experimental research, the topic builds a parking lot management system on the Android platform, providing a useful solution for users with information on the location, price, and status of parking lots. The expected results contribute to reducing traffic congestion and meeting the demand for efficient parking space sharing among owners.

Keywords: Shared parking, Android, urban resource management, mobile application, transportation solution