

Building and developing a sales application for Phuc Tuyen electronics store on Android

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Abstract: The topic aims to determine the requirements of a mobile point-of-sale (POS) management system for electronics stores, particularly the Phúc Tuyền store. The main objective is to design and implement an Android application to optimize transaction processes at the point of sale, thereby increasing operational efficiency and customer experience. The research methodology includes identifying needs through surveys and current state analysis, then building the system using the MVC model on the Android platform. The project is expected to provide an advanced technical solution, meeting the complex sales management requirements in the electronics industry, contributing to the sustainable development of the store.

Keywords: Android application, mobile POS, sales management, electrical appliance technology, enterprise management system