ABSTRACT

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DESIGN AND BUILD AN ANDROID-BASED E-COMMERCE APPLICATION USING THE WATERFALL METHOD. CASE STUDY: CV. PRATAMA TEKIK

The rapid development of information technology has driven companies to integrate digital-based systems into their business operations, including e-commerce activities. This study aims to design and develop an Android-based e-commerce application using the Waterfall method as a software development approach. A case study was conducted at CV. Pratama Teknik, a manufacturing service company, to improve sales transaction efficiency, expand market reach, and facilitate customers in placing product orders.

The results of this study are expected to demonstrate that the developed e-commerce application can enhance the efficiency and accuracy of transaction processes at CV. Pratama Teknik. Furthermore, the implementation of this application provides a better user experience for customers and assists the company in managing transaction data in a structured manner.

Keyword: e-commerce, Android, Waterfall methode , CV. Pratama Teknik, software development