

## ABSTRACT

### ***DESIGN OF TIMBER SALES INFORMATION SYSTEM AT UD PUTRA BAROKAH WOOD DEPOT BASED ON MOBILE***

*Author :*

Tegar Dwi Leksono

21104051

*The use of applications has become a necessity for individuals or companies to increase the effectiveness and productivity of a business. One of them is the UD Putra Barokah Wood Depot business located in Cilongok District. In its business, the sales process still uses books, causing frequent loss of data and accumulation of information at UD Putra Barokah. The purpose of this research is to increase the effectiveness of sales and management of wood stock at UD Putra Barokah. The Rapid Application Development (RAD) method is used in this research because it allows periodic implementation and testing for rapid and flexible application development. This application was developed with the Flutter framework and is intended for the Android platform. In this study, researchers identified the features needed, then researchers designed information systems according to company needs. Thus, the main features of the application are obtained which include inventory management, ordering and sales, stock monitoring, customer management, delivery scheduling, sales analysis, and reporting. The results of this study are expected that the information system application designed is able to increase efficiency and productivity at UD Putra Barokah Wood Depot. Therefore, it can facilitate the management of orders and suppliers, improve service quality, and provide convenience in reporting. This research makes a significant contribution to the development of information system applications in similar industries and can be a reference for similar research in the future.*

***Keywords: Information System, Flutter, Rapid Application Development (RAD)***