# E-COMMERCE APPLICATION FOR ANDROID BASED AGRICULTURAL PRODUCT SALES (Case Study of Sumber Tani Subur Store)

**ALFEUS BINTANG JOHANDY YAHYA**

*Informatics Study Program, Faculty of Science & Technology*
*University of Technology Yogyakarta*

*Jl. Ringroad Utara Jombor Sleman Yogyakarta E-mail :*
*johandyyahya737@gmail.com*

## ABSTRACT

*Toko Sumber Tani Subur is a business engaged in agriculture, located in Dukuh Tambak, Tambak Village, Karangdowo District, Klaten Regency, Central Java. Currently, the store still employs a conventional transaction system where buyers must come directly to the store to purchase agricultural products. Additionally, data management such as product information, prices, stock, sales transactions, and sales reports is still done manually by recording in books. The aim of this research is to develop an e-commerce application for agricultural product sales that can model buying and selling transactions at Toko Sumber Tani Subur, as well as facilitate the owner in the process of managing store data. The research methods include needs analysis, system design, application development using the Rapid Application Development (RAD) method, and system testing using the BlackBox Testing method. The results of the research show that the application is capable of providing various main features such as product catalog, shopping cart, payment system, and order tracking. The implementation of this e-commerce application has been proven to increase the speed and accuracy of transactions and reduce errors in data management.*

*Keywords: E-Commerce, Sale, Agriculture, Android*