

# **DEVELOPING ANDROID-BASED SHOE-WASHING SERVICE APPLICATION WITH LOCATION-BASED SERVICED FEATURES**

***(Case Study: Smoothly Shoescare Yogyakarta)***

GABRIEL JEVON EVODI  
Informatics Study Program, Faculty of Science & Technology  
Yogyakarta University of Technology  
Jl. North Ringroad Jombor Sleman Yogyakarta  
E-mail: gabrieljevon6@gmail.com

## **ABSTRACT**

*Smoothly Shoescare is a shoe washing and care service business in Yogyakarta that faces challenges in managing transaction data and services due to its reliance on a manual system. This study aims to develop a digital solution in the form of an Android-based application for customers and a web platform for administrators. The goal is to enhance service quality, reduce errors and data loss, and improve the user experience. The ordering process is conducted manually through direct visits or WhatsApp. This application is designed to address the challenges posed by manual data management, which can lead to redundancy, damage, and loss of transaction data. The slow ordering process via WhatsApp is also a concern because of the large number of orders that pile up via chat. This application provides a faster and more integrated ordering system. The application has service ordering features, customer data management, and location-based service (LBS) to facilitate shoe pickup and delivery. Additionally, it offers flexible payment options and a comprehensive order history. Test results demonstrate the application's effectiveness in addressing and solving problems Smoothly Shoescare faces.*

**Keywords:** *Android, Application, Shoe Washing Service, Location Based Service, Web*