Abstract

This research investigates the challenges faced by small businesses, specifically small grocery store owners, in managing sales and inventory. The study aims to develop and evaluate a cross-platform mobile application solution using the Flutter library and Google's Firebase technology. The application is designed with a user-friendly interface to assist small businesses in managing sales and inventory, addressing the challenges they face in this area. The scope of the study is limited to small businesses and does not consider larger organizations. The outcomes of this research will contribute to the knowledge of mobile application solutions for small businesses.