

ABSTRACT

Toko Bekado "Belanja Kita Delivery Order" faces a challenges when managing sales and Order processing, which are still using handled manually. This conventional system is considered inefficient as it requires direct interaction or manual communication through messaging apps, often resulting in limited customer reach and data management errors. This issue becomes increasingly relevant in the digital era, where consumers prioritize convenience and speed in transactions.

Digitalizing small businesses (UMKM) is essential to expand market reach, ,enhancing sales performance. This research purpose aims to design an Android-based shopping application mobile to address these needs, offering a platform that simplifies transactions between customers and the store. The Kanban method is applied in the development process to ensure a structured workflow and allow flexible iterations as required.

The application will developed using the Flutter framework and Firebase as the database. Key features include a shopping cart, Order tracking, cash-on-Delivery (COD) and bank transfer payment options, as well as digital product management. Testing was conducted directly during implementation to ensure each feature functioned properly.

The results, based on testing with 30 respondents, show that the application is user-friendly, efficient, and capable of replacing the conventional system with a more practical solution. This application is expected to boost sales, extend customer reach, and support digital transformation for UMKM, particularly in the Purwokerto region.

Keywords: UMKM, shopping application, Flutter, Firebase, Kanban, digitalization