

E-STOCK APPLICATION FOR ELECTRONIC GOODS SUPPLY MANAGEMENT USING MOBILE-BASED QR CODE

(Case Study: Amanah Listrik Store)

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ABSTRACT

The advancement of information technology and mobile applications has created a demand for rapid and accurate access to information, particularly in managing electronic goods inventory at Toko Amanah Listrik. Efficient stock management is crucial to prevent stock shortages and recording errors. Many companies, including Toko Amanah Listrik, still rely on manual methods that are slow and susceptible to mistakes. This study aims to develop an Android-based e-stock application with QR code integration as an innovative solution to address the challenges of managing electronic goods inventory. The research methodology includes direct observation at Toko Amanah Listrik, interviews with shop owners, and theoretical studies based on scientific literature. Preliminary results indicate that the application can expedite the process of identifying products and displaying product descriptions by scanning QR codes, thereby reducing errors in the management of electronic goods stock.