

ABSTRACT

The digitalization era has brought significant changes to Indonesia's retail business landscape, where traditional businesses must adapt to remain competitive. Toko Sepatu Anugrah Rembang, a traditional retail shoe store, currently faces serious challenges with its manual cash register system that causes long transaction processes, extended customer queues, manual stock recording errors, and difficulties in generating sales reports. This research aims to develop a web-based Point of Sales (POS) system for Toko Sepatu Anugrah Rembang using the ICONIX Process methodology to automate transaction recording, stock management, and sales reporting. The ICONIX Process methodology was employed through four main phases: requirements, analysis, design, and implementation. The system was developed as a web-based application integrated with hardware components including bluetooth thermal printer and barcode scanner. The research results show that the web-based Point of Sales system was successfully developed using the ICONIX Process method. The system successfully automated transaction recording, stock management of sold items, sales report generation, and store performance analysis at Toko Sepatu Anugrah Rembang. With this system, store owners and employees can reduce human errors and expand accepted payment method options. System testing was conducted using blackbox testing method, which proved that the Point of Sales system functions according to user requirements.

Keywords : Point of Sales, ICONIX Process, Web-bases System