

ABSTRACT

Mavia Phone Kutoarjo, a mobile phone sales business, currently operates using conventional methods, leading to issues such as data inaccuracies, slow reporting, and a high risk of human error. This research aims to develop a web-based sales information system that automates and integrates these business processes. Following the SDLC waterfall methodology, the system was designed using UML and ERD diagrams, implemented with PHP Laravel and MySQL, and tested for functionality using the Black Box testing method. The resulting system is fully functional and effectively minimizes recording errors, providing centralized and real-time stock management. It handles complex transactions, including cash, credit, and trade-ins, and generates fast and accurate automated reports to support informed decision-making. The implementation of this system successfully transformed manual business processes into a more efficient, accurate, and effective computerized system.

Keywords: Sales Information System, Web-Based, Mavia Phone, Waterfall.

