

SISTEM INFORMASI *E-COMMERCE* BERBASIS *WEB* PADA UNIT USAHA RIO FOTOCOPY

*A WEB-BASED E-COMMERCE INFORMATION SYSTEM AT THE RIO
FOTOCOPY BUSINESS UNIT*

**Muhammad Aqeela Ivanza¹⁾, Eko Hariadi, M.Kom²⁾
Siti Rihastuti, M.Kom³⁾**

¹⁾Manajemen Informatika, STMIK AMIKOM Surakarta

²⁾STMIK AMIKOM Surakarta

³⁾STMIK AMIKOM Surakarta

ABSTRAK

RIO Fotocopy merupakan unit usaha yang bergerak di bidang retail alat tulis kantor (ATK) dan jasa percetakan. Proses pengelolaan data produk, transaksi, pesanan, dan pembuatan laporan masih dilakukan secara manual sehingga berpotensi menimbulkan kesalahan pencatatan serta kurang efisien dalam pelayanan pelanggan. Penelitian ini bertujuan untuk merancang dan membangun Sistem Informasi E-Commerce Berbasis Web pada Rio Fotocopy guna membantu pengelolaan usaha secara lebih efektif dan terintegrasi. Metode pengembangan sistem yang digunakan adalah Waterfall yang meliputi analisis kebutuhan, perancangan, implementasi, dan pengujian sistem. Sistem dikembangkan menggunakan bahasa pemrograman PHP dan basis data MySQL. Fitur utama yang disediakan meliputi pengelolaan produk retail, layanan jasa percetakan, unggah file pesanan, keranjang belanja, pemesanan online, serta pengelolaan laporan transaksi. Hasil penelitian menunjukkan bahwa sistem yang dirancang mampu mengintegrasikan proses penjualan produk retail dan jasa percetakan dalam satu platform berbasis web. Sistem ini diharapkan dapat meningkatkan efisiensi operasional, mempermudah pengelolaan data dan transaksi, serta memberikan kemudahan bagi pelanggan dalam melakukan pemesanan secara online.

Kata Kunci: Sistem Informasi, E-Commerce, PHP, MySQL, Jasa Percetakan

ABSTRACT

RIO Fotocopy is a business unit engaged in office stationery (ATK) retail and printing services. The management of product data, transactions, orders, and report generation is still carried out manually, which may lead to recording errors and inefficiencies in customer service. This study aims to design and develop a Web-Based E-Commerce Information System for RIO Fotocopy to support business operations in a more effective and integrated manner. The system development method used in this study is the Waterfall model, which consists of requirements analysis, system design, implementation, and system testing. The system was developed using PHP as the programming language and MySQL as the database. The main features provided include retail product management, printing service management, file upload for orders, shopping cart, online ordering, and transaction report management. The results of this study indicate that the designed system is capable of integrating retail product sales and printing service processes into a single web-based platform. The system is expected to improve operational efficiency, simplify data and transaction management, and provide convenience for customers in placing orders online.

Keywords: *Information System, E-Commerce, PHP, MySQL, Printing Services.*