

ABSTRAK

HAMUGI KOMPUTER merupakan perusahaan yang bergerak di bidang jual beli laptop dan komputer bekas. Proses penilaian harga barang masih dilakukan secara manual berdasarkan pengalaman karyawan, sehingga berpotensi menimbulkan subjektivitas, ketidakkonsistenan harga, dan kurang efisien. Selain itu, pengelolaan data customer dan laporan transaksi belum terintegrasi sehingga menyulitkan proses monitoring dan penyusunan laporan. Penelitian ini bertujuan untuk merancang dan membangun Sistem Penilaian Harga dan Manajemen Laporan Customer berbasis web pada HAMUGI KOMPUTER. Metode pengumpulan data yang digunakan meliputi observasi, wawancara, dan studi pustaka, sedangkan pengembangan sistem menggunakan metode *Prototype*. Perancangan sistem menggunakan pendekatan *Unified Modeling Language (UML)* yang meliputi *Use Case Diagram*, *Activity Diagram*, *Sequence Diagram*, dan *Class Diagram*. Sistem dikembangkan menggunakan bahasa pemrograman *PHP* dengan basis data *MySQL*. Sistem yang dikembangkan membantu admin dalam memverifikasi data, menilai harga berdasarkan kondisi dan kelengkapan barang, mengelola status pengajuan, serta menghasilkan laporan pembelian secara terintegrasi. Berdasarkan hasil penelitian, sistem yang dikembangkan mampu meningkatkan efektivitas dan efisiensi proses penilaian harga, pengelolaan data customer, dan penyusunan laporan transaksi pada HAMUGI KOMPUTER.

Kata kunci: Sistem Informasi, Penilaian Harga, Manajemen Laporan *Customer*, Barang Elektronik Bekas, *Prototype*.

ABSTRACT

HAMUGI KOMPUTER is a company engaged in the buying and selling of used laptops and computers. Currently, the item valuation process is performed manually based on employee experience, leading to potential issues such as subjectivity, price inconsistency, and inefficiency. Furthermore, the lack of integration between customer data management and transaction reporting complicates monitoring and report generation. This research aims to design and develop a web-based Price Valuation and Customer Report Management System for HAMUGI KOMPUTER. Data collection methods included observation, interviews, and literature review, while the system was developed using the Prototyping method. The system design employed the Unified Modeling Language (UML) approach, encompassing Use Case Diagrams, Activity Diagrams, Sequence Diagrams, and Class Diagrams. The system was developed using the PHP programming language and a MySQL database. The resulting system assists administrators in verifying data, determining prices based on item condition and completeness, managing submission statuses, and generating integrated purchase reports. Research results indicate that the developed system enhances the effectiveness and efficiency of price valuation, customer data management, and transaction report generation at HAMUGI KOMPUTER.

Keywords: Information System, Price Valuation, Customer Report Management, Used Electronic Goods, Prototype.