

ABSTRAK

PENGEMBANGAN SISTEM INFORMASI INVENTARIS BARANG BERBASIS *WEBSITE* PADA KPP PRATAMA METRO

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Inventaris barang adalah kegiatan untuk menunjang operasional instansi, terutama dalam pengelolaan aset yang dimiliki Kantor Pelayanan Pajak (KPP) Pratama Metro. Kantor Pelayanan Pajak KPP Pratama Metro selama ini melakukan pengelolaan inventaris secara manual, sehingga menimbulkan berbagai permasalahan seperti duplikasi data, kesulitan pencarian informasi, dan risiko kehilangan data. Penelitian ini bertujuan untuk mengembangkan sistem informasi inventaris barang berbasis *website* guna mempermudah pengelolaan, peminjaman, dan pengembalian inventaris, serta meningkatkan efisiensi dan transparansi. Metode pengembangan yang digunakan adalah *Waterfall*, dengan tahapan analisis, perancangan menggunakan *Entity Relationship Diagram* (ERD), implementasi menggunakan *framework CodeIgniter*, serta pengujian dengan metode *blackbox testing*. Sistem ini dirancang dengan fitur-fitur seperti pengelolaan ATK (Alat Tulis Kantor), mobil, laptop, pengajuan surat tugas, dan surat izin keluar yang hanya dapat diakses oleh pegawai KPP Pratama Metro. Hasil pengembangan menunjukkan bahwa sistem mampu mempercepat proses administrasi, dan mengurangi ketergantungan pada pencatatan manual. Dengan demikian, sistem ini diharapkan mampu mendukung pengelolaan inventaris barang yang lebih terstruktur dan efektif di Kantor Pelayanan Pajak KPP Pratama Metro.

Kata Kunci: Sistem Informasi, Inventaris, *Website*, Kantor Pelayanan Pajak (KPP) Pratama Metro, *Waterfall*, *CodeIgniter*

ABSTRACT

DEVELOPMENT OF WEBSITE-BASED INVENTORY INFORMATION SYSTEM AT KPP PRATAMA METRO

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Inventory of goods is an activity to support the operational of the agency, especially in the management of assets owned by the Tax Service Office (KPP) Pratama Metro. The Tax Service Office of KPP Pratama Metro has been managing inventory manually, which has caused various problems such as data duplication, difficulty in finding information, and the risk of data loss. This study aims to develop a website-based inventory information system to facilitate the management, borrowing, and return of inventory, as well as increase efficiency and transparency. The development method used is Waterfall, with stages of analysis, design using Entity Relationship Diagram (ERD), implementation using the CodeIgniter framework, and testing using the blackbox testing method. This system is designed with features such as management of ATK (Office Stationery), cars, laptops, submission of assignment letters, and outgoing permits that can only be accessed by KPP Pratama Metro employees. The development results show that the system is able to accelerate the administration process and reduce dependence on manual recording. Thus, this system is expected to be able to support more structured and effective inventory management at the Tax Service Office of KPP Pratama Metro.

Keywords: *Information System, Inventory, Website, Pratama Metro Tax Service Office (KPP), Waterfall, CodeIgniter.*