

MUHDI SEPTIO, 23.120.0001
SISTEM INFORMASI AKUNTANSI PENCATATAN PEMBAYARAN
TAGIHAN INTERNET BERBASIS WEB DI PT TEKNOLOGI JARINGAN
EXCELLENT.

dibawah bimbingan Bapak Hari Agung B, M.Kom. dan Bapak Anas Syaifudin,
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ABSTRAK

Muhdi Septio. 23.120.0001. Sistem Informasi Akuntansi Pencatatan Pembayaran Tagihan Internet Berbasis Web di PT Teknologi Jaringan Excellent. Tugas Akhir. Program Studi Komputerisasi Akuntansi, Fakultas Teknologi Informasi, Institut Widya Pratama. 2026. PT Teknologi Jaringan Excellent merupakan perusahaan penyedia layanan internet (ISP) yang sebelumnya mengelola pencatatan pembayaran tagihan secara manual menggunakan Kertas, sehingga menyebabkan sulitnya memantau status pembayaran pelanggan secara real-time, tidak adanya laporan keuangan terintegrasi secara otomatis, serta lambatnya penyusunan laporan keuangan bulanan. Penelitian ini bertujuan menghasilkan sistem informasi akuntansi pencatatan pembayaran tagihan internet berbasis web yang diimplementasikan secara nyata di PT Teknologi Jaringan Excellent melalui jalur Rekognisi Teknologi Tepat Guna. Sistem dikembangkan menggunakan framework CodeIgniter 4 berbasis PHP dengan basis data MariaDB. Fitur utama sistem meliputi manajemen data pelanggan dengan dukungan multiple nomor HP, pencatatan pembayaran tagihan bulanan, perhitungan denda keterlambatan yang fleksibel, pengaturan PPN, laporan keuangan pemasukan dan pengeluaran terintegrasi, nota elektronik publik, dashboard statistik real-time, activity log, pembagian hak akses Owner dan Admin, status aktif dan nonaktif pada paket dan area, serta penentuan titik lokasi pelanggan menggunakan peta satelit. Pengujian dilakukan menggunakan metode User Acceptance Testing (UAT). Hasil pengujian menunjukkan seluruh fitur sistem berjalan sesuai fungsi yang diharapkan, dan sistem diterima oleh pengguna dengan nilai kelayakan UAT sebesar 96% (Sangat Layak), membuktikan sistem mampu meningkatkan efisiensi pencatatan dan mengotomatisasi proses akuntansi perusahaan. Berdasarkan hasil tersebut, disarankan agar sistem terus dikembangkan dengan menambahkan fitur notifikasi otomatis dan dipindahkan ke server pribadi guna mendukung skalabilitas operasional perusahaan di masa mendatang.

Kata Kunci : Sistem Informasi Akuntansi, Pencatatan Pembayaran, Internet Service Provider, CodeIgniter 4.

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ABSTRACT

Muhdi Septio. 23.120.0001. *Web-Based Accounting Information System for Internet Billing Payment Recording at PT Teknologi Jaringan Excellent. Final Project. Department of Computerized Accounting, Faculty of Information Technology, Institut Widya Pratama. 2026. PT Teknologi Jaringan Excellent is an Internet Service Provider (ISP) company that previously managed internet billing payment records manually using paper-based records, causing difficulties in monitoring customer payment status in real-time, the absence of automatic journal entries and ledger recording, and slow preparation of monthly financial reports. This research aims to produce a web-based accounting information system for recording internet billing payments implemented at PT Teknologi Jaringan Excellent through the Appropriate Technology Recognition pathway. The system was developed using CodeIgniter 4 framework with PHP and MariaDB. Main features include customer data management with multiple phone number support, monthly payment recording, flexible late payment penalty calculation configurable by the administrator, configurable Value Added Tax (VAT) settings, integrated income and expense financial reporting, publicly accessible electronic receipts with WhatsApp sharing, real-time statistical dashboard, activity logging, role-based access control for Owner and Admin, active/inactive status management for packages and areas, and satellite map-based customer location pinning. Testing was conducted using User Acceptance Testing (UAT). Results showed all system features function as expected, and the system was accepted by users with a UAT feasibility score of 96% (Very Feasible), proving the system improves recording efficiency and automates the company's accounting processes. It is recommended that future development add automated notifications and migrate to a dedicated server.*

Keywords : Accounting Information System, Payment Recording, Internet Service Provider, CodeIgniter 4.