

ABSTRAK

Chrisdianto Foarota Laoli, 2025. Sistem Aplikasi Penginputan Administrasi Penyidikan Berbasis Online Untuk Memudahkan Laporan Kinerja Kepolisian Resor Nias Pembimbing Maria Magdalena Bate'e, SE.,MM

Proses administrasi penyidikan di Polres Nias selama ini masih banyak dilakukan secara manual, sehingga sering menimbulkan permasalahan berupa keterlambatan pelaporan, kehilangan dokumen, dan keterbatasan transparansi dalam monitoring status perkara. Permasalahan tersebut menuntut adanya sistem berbasis teknologi informasi yang mampu mendukung efisiensi, akurasi, dan akuntabilitas administrasi penyidikan. Penelitian ini bertujuan untuk: (1) merancang sistem aplikasi administrasi penyidikan berbasis web sesuai kebutuhan pengguna, (2) mempercepat proses input laporan dan pencarian dokumen, (3) mengidentifikasi fitur penting yang dapat mendukung efektivitas sistem, dan (4) mengevaluasi efektivitas sistem dibanding metode manual. Metode penelitian meliputi analisis kebutuhan sistem perancangan sistem dengan alur input–validasi–storage–reporting sebagaimana dijelaskan dalam kerangka teori implementasi aplikasi, serta uji coba lapangan kepada penyidik dan admin Polres Nias. Hasil penelitian menunjukkan bahwa aplikasi yang dibangun memiliki fitur utama berupa login, dashboard, pembuatan laporan, detail laporan, perubahan status perkara, upload dokumen, dan manajemen pengguna. Sistem ini terbukti mempercepat input laporan dari 15–30 menit menjadi 3–5 menit, serta mempercepat pencarian arsip dari 15–30 menit menjadi kurang dari 10 detik. Fitur upload dokumen mampu mencegah kehilangan arsip, sedangkan dashboard dan perubahan status laporan mendukung transparansi monitoring kinerja penyidik. Kendala yang ditemui antara lain keterbatasan jaringan internet dan resistensi sebagian pengguna terhadap sistem baru.

Kata Kunci: administrasi penyidikan, sistem informasi.

ABSTRACT

Chrisdianto Foarota Laoli, 2025. Online-Based Investigative Administration Input Application System to Facilitate Performance Reports of the Nias Resort Police Supervisor Maria Magdalena Bate'e, SE.,MM

The investigation administration process at the Nias Police is still largely done manually, often causing problems such as late reporting, lost documents, and limited transparency in monitoring case status. These problems require an information technology-based system that can support efficiency, accuracy, and accountability in investigation administration. This study aims to: (1) design a web-based investigation administration application system according to user needs, (2) accelerate the process of inputting reports and searching for documents, (3) identify important features that can support system effectiveness, and (4) evaluate the effectiveness of the system compared to manual methods. The research method includes system requirements analysis, system design with input-validation-storage-reporting flow as explained in the theoretical framework of application implementation, and field trials with investigators and administrators at the Nias Police. The research results show that the developed application has key features including login, dashboard, report creation, report details, case status changes, document uploads, and user management. This system has been proven to accelerate report input from 15–30 minutes to 3–5 minutes, and accelerate archive searches from 15–30 minutes to less than 10 seconds. The document upload feature prevents archive loss, while the dashboard and report status changes support transparent monitoring of investigator performance. Challenges encountered included limited internet connection and some user resistance to the new system.

Keywords: investigation administration, information system.