

RAIHAN FAIZ ARDANI, 22.230.0060

**IMPLEMENTASI SISTEM MANAJEMEN PELATIHAN TEKNISI
HANDPHONE BERBASIS WEB DI LPKS RAJA BINA KERJA
PEKALONGAN,**

Di bawah bimbingan Arochman, M.Kom, dan Agus Ilyas, M.Kom

89+xiv halaman / 30 gambar / 5 tabel / 5 lampiran / 16 pustaka

ABSTRAKSI

LPKS Raja Bina Kerja Pekalongan merupakan lembaga pelatihan kerja swasta yang menyelenggarakan pelatihan teknisi handphone. Dalam pelaksanaannya, proses manajemen pelatihan seperti pendaftaran peserta, pengelolaan data, pembayaran, penjadwalan, serta penerbitan sertifikat masih dilakukan secara manual. Kondisi tersebut menimbulkan berbagai permasalahan, antara lain data pendaftaran yang tidak terkelola dengan baik, keterbatasan akses informasi bagi calon peserta, serta rendahnya efisiensi administrasi. Penelitian ini bertujuan untuk mengimplementasikan sistem manajemen pelatihan teknisi handphone berbasis web guna mendukung pengelolaan pelatihan secara terintegrasi dan efektif di LPKS Raja Bina Kerja Pekalongan. Metode yang digunakan adalah tahapan implementasi sistem menurut (Amrbar et al., 2020) yang meliputi pra-implementasi, penyesuaian awal, pengumpulan dan migrasi data, pelatihan pengguna, penyesuaian lanjutan, instalasi uji coba, instalasi, go-live, dan akulturasi. Sistem dikembangkan menggunakan framework CodeIgniter 4 dengan basis data MySQL dan diimplementasikan pada server hosting agar dapat diakses secara publik. Pengumpulan data dilakukan melalui observasi dan wawancara, sedangkan pengujian sistem menggunakan metode User Acceptance Testing (UAT). Hasil penelitian menunjukkan bahwa sistem yang diimplementasikan mampu mempermudah proses pendaftaran dan pembayaran peserta, pengelolaan jadwal pealtihan, serta penerbitan sertifikat secara digital. Selain itu, sistem ini meningkatkan efisiensi kerja admin, akurasi data, dan kualitas layanan pelatihan. Dengan demikian, sistem manajemen pelatihan berbasis web ini dinilai layak diterapkan di LPKS Raja Bina Kerja Pekalongan.

Kata Kunci : *sistem manajemen pelatihan, pelatihan teknisi handphone, implementasi sistem, website, LPKS.*

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ABSTRACT

LPKS Raja Bina Kerja Pekalongan is a private vocational training institution that provides mobile phone technician training programs. In its implementation, training management processes such as participant registration, data management, payment processing, scheduling, and certificate issuance were previously conducted manually. This condition caused several problems, including poorly managed registration data, limited access to information for prospective participants, and low administrative efficiency. This study aims to implement a web-based mobile phone technician training management system to support integrated and effective training management at LPKS Raja Bina Kerja Pekalongan. The method applied in this study follows the system implementation stages proposed by (Amrbar et al., 2020), which include pre-implementation, initial adjustment, data collection and migration, user training, further adjustment, trial installation, installation, go-live, and acculturation. The system was developed using the CodeIgniter 4 framework with a MySQL database and implemented on a hosting server to enable public access. Data were collected through observation and interview while system testing was conducted using the User Acceptance Testing (UAT) method. The result indicate that the implemented system facilitates participant registration and payment processes, training schedule management, and digital certificate issuance. In addition, the system improves administrative efficiency, data accuracy, and overall training service quality. Therefore, the web-based training management system is considered feasible for implementation at LPKS Raja Bina kerja Pekalongan.

Keywords : *training management system, mobile phone technician training, system implementation, website, LPKS*