

AHMAD AZHAR

ABSTRAK

Sistem presensi berbasis Google Form yang digunakan PT Satukelas Adhyapana Nusantara menimbulkan kendala operasional meliputi pencatatan tidak efisien, kesulitan validasi kehadiran, data tersebar dalam banyak spreadsheet, dan lambatnya kompilasi laporan untuk Lembaga Sertifikasi Profesi (LSP). Penelitian ini bertujuan merancang dan mengimplementasikan sistem informasi presensi magang berbasis web menggunakan metode Rapid Application Development (RAD) untuk mengotomatisasi pencatatan kehadiran, menyediakan dashboard monitoring, serta menghasilkan laporan otomatis dalam format PDF dan CSV. Metode RAD diterapkan melalui empat fase: Requirements Planning (identifikasi kebutuhan), User Design (diagram UML dan desain database), Construction (implementasi sistem), serta Cutover (pengujian dan implementasi). Pengujian Black Box Testing dengan 24 skenario uji menghasilkan tingkat keberhasilan 100%. User Acceptance Testing (UAT) dilakukan terhadap dua kelompok: UAT Peserta Magang dengan 10 responden menghasilkan grand average 4,55 dan UAT Admin Program dengan 2 responden menghasilkan grand average 4,79, keduanya dari skala 5,00 dalam kategori Sangat Baik, membuktikan sistem layak diimplementasikan secara penuh.

Kata Kunci: Monitoring Kehadiran, Presensi Magang, RAD (Rapid Application Development), Sistem Informasi, Web

ABSTRACT

The attendance system based on Google Forms used by PT Satukelas Adhyapana Nusantara causes operational constraints including inefficient recording, difficulty validating attendance, scattered data across multiple spreadsheets, and slow report compilation for Professional Certification Bodies (LSP). This research aims to design and implement a web-based internship attendance information system using the Rapid Application Development (RAD) method to automate attendance recording, provide monitoring dashboards, and generate automatic reports in PDF and CSV formats. The RAD method is applied through four phases: Requirements Planning (needs identification), User Design (UML diagrams and database design), Construction (system implementation), and Cutover (system testing and deployment). Black Box Testing with 24 test scenarios achieved a 100% success rate. User Acceptance Testing (UAT) was conducted on two user groups: UAT for Internship Participants with 10 respondents yielded a grand average of 4.55 and UAT for Admin Program with 2 respondents yielded a grand average of 4.79, both out of 5.00 in the Very Good category, confirming the system is ready for full implementation.

Keywords: Attendance Monitoring, Information System, Internship Attendance, RAD (Rapid Application Development), Web