

APLIKASI ABSENSI MAHASISWA MAGANG BERBASIS WEB DI DISKOMINFO SIAK

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ABSTRAK

Perkembangan teknologi informasi saat ini mendorong instansi pemerintah untuk meningkatkan efisiensi dalam pengelolaan administrasi, termasuk pengelolaan absensi mahasiswa magang. Di Diskominfo Siak, proses absensi mahasiswa magang sebelumnya masih dilakukan secara manual menggunakan form kertas atau pencatatan langsung oleh pembimbing. Metode tersebut sering menimbulkan berbagai permasalahan, seperti data absensi yang tidak akurat, risiko kehilangan dokumen, kesulitan dalam rekapitulasi, serta keterlambatan penyampaian laporan kegiatan magang. Kondisi ini mengakibatkan proses monitoring kehadiran mahasiswa menjadi kurang efektif dan memakan waktu. Berdasarkan permasalahan tersebut, penelitian ini bertujuan untuk membangun **Aplikasi Absensi Mahasiswa Magang Berbasis Web di Diskominfo Siak** yang mampu mengotomatisasi proses pencatatan kehadiran dan kegiatan harian mahasiswa. Aplikasi dirancang agar mahasiswa dapat melakukan absensi masuk dan pulang secara mandiri melalui perangkat digital, serta mencatat aktivitas harian secara real time. Selain itu, admin atau pembimbing magang dapat dengan mudah mengelola data mahasiswa, memantau kehadiran, dan menghasilkan laporan secara cepat dan akurat. Pengembangan aplikasi ini diharapkan dapat meningkatkan efisiensi administrasi, meminimalkan kesalahan dalam pencatatan absensi, serta mendukung proses monitoring mahasiswa magang secara lebih efektif dan transparan.

Kata kunci : Absensi, Mahasiswa Magang, Sistem Informasi, Berbasis Web, Diskominfo Siak.

WEB-BASED STUDENT INTERNSHIP ABSENCE APPLICATION at DISKOMINFO SIAK

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ABSTRACT

Current advances in information technology are encouraging government agencies to improve efficiency in administrative management, including managing student intern attendance. At the Siak Communication and Information Technology Office (Diskominfo), student intern attendance was previously handled manually using paper forms or recorded directly by supervisors. This method often led to various problems, such as inaccurate attendance data, the risk of lost documents, difficulties in recapitulation, and delays in submitting internship activity reports. This situation resulted in the ineffective and time-consuming process of monitoring student attendance. Based on these problems, this study aims to develop a web-based student internship attendance application at the Siak Communication and Information Technology Office (Diskominfo) that can automate the process of recording student attendance and daily activities. The application is designed to allow students to independently record their arrival and departure attendance using digital devices, as well as record daily activities in real time. Furthermore, administrators or internship supervisors can easily manage student data, monitor attendance, and generate reports quickly and accurately. The development of this application is expected to improve administrative efficiency, minimize errors in attendance recording, and support the process of monitoring student internships more effectively and transparently.

Keywords : Attendance, Student Internship, Information System, Web-Based, Siak Communication and Information Service.