FIDYA SUCI MAHARANI, 18.230.0048

SISTEM INFORMASI MANAJEMEN DAN MONITORING KEGIATAN KEMAHASISWAAN DI STMIK WIDYA PRATAMA BERBASIS WEB

Di bawah bimbingan M. Reza Maulana, M.Kom dan Risqiati, M.Kom.

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ABSTRAK

Organisasi kemahasiswaan merupakan wadah mahasiswa untuk mengembangkan minat, bakat, keahlian dan kemampuan sosial. Ada beberapa organisasi kemahasiswaan yang terdapat di STMIK Widya Pratama yaitu Badan Eksekutif Mahasiswa (BEM), Dewan Perwakilan Mahasiswa (DPM), dan Unit Kegiatan Mahasiswa (UKM). Organisasi mahasiswa di STMIK Widya Pratama memiliki beberapa permasalahan yang kerap terjadi dalam manajemen organisasi, yaitu pengelolaan manajemen dan pemantauan setiap progres dokumentasi kegiatan yang diadakan organisasi masih menggunakan cara manual sehingga rawan untuk hilangnya data seperti proposal kegiatan, laporan pertanggungjawaban, dan dokumentasi lainnya. Selain itu, pihak yang berwenang untuk mengawasi kegiatan UKM seperti BEM, DPM, dan Waket Bidang Kemahasiswaan belum dapat memantau setiap kegiatan yang sudah dilakukan oleh pihak UKM secara real time. Alat bantu pengembangan sistem yang digunakan berupa UML (Unified Model Language) dan Lembar Kerja Tampilan (LKT). Sistem ini menggunakan metode pengembangan sistem waterfall menurut Presman (2015) yang terdiri dari 5 tahap, yaitu Analisa kebutuhan (Communication), Perencanaan Sistem (Planning), Perencanaan (Modelling), Construction / Coding and Testing, dan Deployment. Sistem yang dibangun dapat menampilkan informasi mengenai organisasi mahasiswa yang ada di STMIK Widya Pratama berupa profil, program kerja, dan dokumentasi berkaitan dengan kegiatan organisasi. Selain itu, dapat juga menampilkan informasi berkaitan dengan bidang kemahasiswaan dan contoh-contoh format dokumen yang dibutuhkan seperti proposal, laporan pertanggungjawaban, dan surat-surat.. Dalam tahap pengujiannya digunakan pengujian User Acceptance Test (UAT). Melalui serangkaian tahapan pengembangan dan pengujian tersebut maka telah dihasilkan Sistem Informasi Monitoring dan Manajemen Unit Kegiatan Mahasiswa (UKM) di STMIK Widya Pratama berbasis web untuk membantu proses manajemen dan pengawasan organisasi di STMIK Widya Pratama.

Kata kunci : Sistem Informasi, Monitoring, Manajemen, Unit Kegiatan Mahasiswa, Web

FIDYA SUCI MAHARANI, 18.230.0048

INFORMATION SYSTEM MANAGEMENT AND MONITORING OF STUDENT ACTIVITIES AT STMIK WIDYA PRATAMA WEB-BASED, *under the guidance of* M. Reza Maulana, M.Kom *and* Risqiati, M.Kom.

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ABSTRACT

Student organization is a place for students to develop their interests, talents, skills and social skills. There are several student organizations at STMIK Widya Pratama, namely the Student Executive Board (BEM), Student Representative Council (DPM), and Student Activity Unit (UKM). Student organizations at STMIK Widya Pratama have several problems that often occur in organizational management, namely management and monitoring of each activity documentation progress held by the organization still using the manual method so that it is prone to loss of data such as activity proposals, accountability reports, and other documentation. In addition, the parties authorized to supervise the activities of UKM such as BEM, DPM, and the Deputy for Student Affairs have not been able to monitor every activity that has been carried out by UKM in real time. The system development tools used are UML (Unified Model Language) and Display Worksheets (LKT). This system uses the waterfall system development method according to Presman (2015) which consists of 5 stages, namely needs analysis (Communication), System Planning (Planning), Planning (Modelling), Construction / Coding and Testing, and Deployment. The system built can display information about student organizations at STMIK Widya Pratama in the form of profiles, work programs, and documentation related to organizational activities. In addition, it can also display information related to the field of student affairs and examples of required document formats such as proposals, accountability reports, and letters. In the testing phase, the User Acceptance Test (UAT) is used. Through a series of stages of development and testing, a web-based Monitoring and Management Information System for Student Organization at STMIK Widya Pratama has been produced to help the process of organizational management and supervision at STMIK Widya Pratama.

Keywords: *Information System, Monitoring, Management, Student Organization, Web*