

SUMMARY

PEMBUATAN APLIKASI TUGAS AKHIR DI JURUSAN SISTEM INFORMASI ITS

DESIGN OF FINAL PROJECT MONITORING
APPLICATION AT INFORMATION SYSTEM
DEPARTMENT

Created by MARIYAM

Subject : Komputer--perangkat lunak
Subject Alt : Application software
Keyword : Tugas akhir; aplikasi; sistem informasi; final project, monitoring, information system

Description :

Dalam jenjang pendidikan tinggi di Indonesia, khususnya pada program Diploma dan Sarjana, salah satu syarat kelulusannya adalah setiap mahasiswanya wajib menyusun suatu karya tulis berupa skripsi dan/atau Tugas Akhir. Prosedurnya ditentukan oleh masing-masing perguruan tinggi. Di lapangan, ditemui beberapa kesulitan teknis terutama dalam pengendalian jalannya proses administrasi Tugas Akhir. Sebagai solusi atas permasalahan ini, diperlukan rancangan dan implementasi sistem informasi untuk lebih memudahkan proses pengendalian proses administrasi Tugas Akhir. Pembuatan sistem terbagi dalam tahapan-tahapan yaitu:

1) Pengumpulan data yang terdiri dari studi literatur, Identifikasi masalah, dan Survey pada pihak terkait. 2) Menganalisa kebutuhan pengguna, 3) Mendesain sistem menggunakan UML 4) Mengimplementasikan hasil desain dan menguji coba sistem.

Hasil tugas akhir ini berupa dokumen rancangan dan aplikasinya berbasis web. Sistem dirancang untuk memenuhi kebutuhan administrasi Tugas Akhir Sistem Informasi. Aplikasi ini diintegrasikan dengan aplikasi lain dalam Sistem Informasi Tata Usaha Sistem Informasi yang proses pembuatannya bersamaan dengan aplikasi Tugas Akhir ini. Aplikasi ini memiliki beberapa fasilitas diantaranya mengelola proposal Tugas Akhir, rekapitulasi data, sidang Tugas Akhir, informasi bidang minat, tawaran topik Tugas Akhir dan informasi yudisium, selain itu juga disediakan fungsi mengelola data pengguna.

Description Alt:

University require its student to work on final project before graduated to bachelor degree. Procedure of final project has been formulize as 'guide of making final project', but practically was not satisfying especially about monitoring the process of making final project. It can be seen from the number of students that can not graduate on time because monitoring at registration, counselling, information about final project, etc can not be done properly while student doing the final project. For this reason, design and implementation of monitoring the final project need to be developed for every college. System

development was divided into these steps: 1) Gathering data, by literature study and interview, 2) Analyze user requirement based on the data, 3) Design system using UML and ERD, 4) Implement the desain and test the system.

The result of this final project are document of software design and web based software (MoniTA) which developed using ruby on rails. MoniTA has features that being used to register the final project proposal, entry the data for the monitoring (counselling and progress), manage the topic of final project, access information about final project and many other facility that connected with managing user and interface of the system.

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Date Create : 08/01/2010
Type : Text
Format : pdf.
Language : Indonesian
Identifier : ITS-Undergraduate-3100009034985
Collection : 3100009034985
Call Number : RSSI 005.3 Mar p
Source : Undergraduate Thesis, Information Systems Department, RSSI 005.3 Mar p, 2008
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Thank You,

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