

ABSTRAK

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PERANCANGAN SISTEM SURVEI MATA KULIAH *ONLINE* DAN *GROUP SUPPORT SYSTEMS* DALAM PENGAMBILAN KEPUTUSAN

(xi + 60 halaman, 19 gambar, 17 tabel, 2 lampiran)

Dalam era informasi, sebuah institusi pendidikan memerlukan suatu layanan bagi para mahasiswanya yang tidak hanya bersifat mendapatkan informasi (seperti melihat hasil ujian, pengumuman jadwal kuliah, administrasi maupun keuangan), tetapi juga suatu layanan dimana mahasiswa dapat ikut serta di dalam proses pengambilan keputusan.

Salah satu layanan yang diperlukan jurusan dalam proses pengambilan keputusan adalah survei mata kuliah *online* dalam rangka pembukaan/penutupan mata kuliah. Melalui analisa sistem yang berjalan saat ini baik hubungan antar pelaku (Ketua Jurusan, Pembimbing Akademik dan mahasiswa) serta aturan akademik (IPK dengan beban sks) dan Kurikulum Operasional (mata kuliah bersyarat) dijadikan acuan dalam merancang sistem baru.

Dalam perancangan sistem baru digunakan pendekatan *object-oriented system analysis and design*. Di samping fungsi untuk jurusan, dibuat pula sistem pendukung untuk Pembimbing Akademik dalam memeriksa mata kuliah yang belum diambil/harus diulang untuk dijadikan informasi calon mata kuliah survei yang akan dibuka untuk ditetapkan oleh Ketua Jurusan sebagai mata kuliah survei. Melalui survei *online* ini diharapkan Ketua Jurusan akan lebih mudah dalam mengambil keputusan dalam penjadwalan mata kuliah.

Referensi : 7 (2001-2006)

ABSTRACT

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DESIGN OF ONLINE COURSE SURVEY SYSTEM AND GROUP SUPPORT SYSTEMS FOR DECISION MAKING

(xi + 60 pages, 19 figures, 17 tabels, 2 appendices)

In the information era, an educational institution requires a service to its students in order to providing information such as an exam result, schedule announcement, administration and financial report. However, a service to put students in participating into the decision making process also needed.

One of the examples, a service that is required by the department in decision taking process for opening and closing the subjects in one semester is the survey of subjects with online method. The new system is created by analysis of the system uses reference points which are the connection between parties (Head of Department, Academic Consultant, and students), academic rule (GPA and load), and operational curriculum.

Object-oriented system analysis and design is used in designing the new system. Beside the function of department, support system also created for Academic Consultant to check if there are some subjects that are not taken yet or must be retake. The system supplies the candidates of subjects that may be opened and put in the survey process to be determined by the Head of Department as a subject in the survey process. Through this online survey, the Head of Department might gain the benefit in ease of decision making of subjects schedule.

References : 7 (2001-2006)