



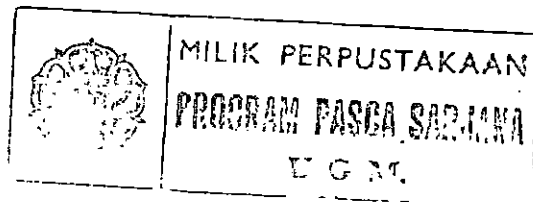
INTISARI

Penelitian bertujuan memperoleh kerangka konseptual integrasi sistem informasi unit-unit kerja dalam lingkup organisasi fakultas. Tujuan didasarkan pada realita bahwa sistem informasi akademik di lingkungan organisasi fakultas cenderung dibangun secara terpisah dari aplikasi lain seperti sistem informasi kepegawaian ataupun sistem informasi perpustakaan.

Analisis kebutuhan informasi akademik dilakukan untuk memperoleh kerangka sub-sistem dimana basis data sistem informasi akan terintegrasi. Identifikasi terhadap adanya muatan data dari bidang fungsional lain mengindikasikan diperlukannya pembangunan dan pengembangan sistem informasi akademik yang terintegrasi dengan sistem informasi unit kerja lain.

Hasil penelitian menunjukkan sistem informasi akademik terdiri dari sistem informasi sub-sistem sesuai bidang fungsional dan dapat diimplementasi sebagai aplikasi terpusat berbasis web dengan aplikasi sub-sistemnya dapat dibangun secara terpisah dan bertahap.

Kata-kata kunci: integrasi sistem, aplikasi berbasis web.





ABSTRACT

This research aims at obtaining the integration framework of information system for various applications of working unit within faculty organization. It is based on reality that academic information system tends to be constructed separately from other application such as personnel information system or library information system.

An analysis on the information required for academic is performed in order to find the framework where the information system would be integrated. Identification on the availability of data contents from other function part indicates a demand for constructing and developing an academic information system that is integrated with other working unit information system.

The result of this research shows that academic information system can be constructed by information system of sub-subsystem based on functional scope, and implemented as web-base centralized application where the application of the sub-subsystem can be constructed separately and gradually.

Keywords: system integration, web-based application.