

Penambahan Fitur Dashboard dan Perbaikan Pada Sistem Informasi Penjadwalan Sidang (SISIDANG) = Creation of Dashboard Feature and Refinement for Sistem Informasi Penjadwalan Sidang (SISIDANG)

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Abstrak

Pengembangan Sistem Informasi Penjadwalan Sidang (SISIDANG) versi terbaru (disebut SISIDANG baru) pada tugas akhir ini bertujuan agar dapat digunakan untuk proses tugas akhir dan sidang di semester genap 2022/2023 Fakultas Ilmu Komputer Universitas Indonesia. Pengembangan tersebut meliputi rancangan dan implementasi fitur baru seperti dashboard dan laporan honor, dan perbaikan fitur-fitur yang belum sempurna seperti laporan-laporan yang terkait dengan persidangan, penilaian sidang, pemberian revisi dari dosen, pengelolaan jadwal sidang, pengelolaan dosen, pengelolaan mata kuliah spesial, jadwal pribadi dosen, serta unggah berkas mahasiswa. Proses pengembangan dilakukan dengan metodologi Feature Driven Development (FDD) dengan kelebihan menciptakan progres yang cepat. Setelah pengembangan, dilakukan pengujian dan evaluasi agar dapat memastikan kinerja website dan kepuasan pengguna. Pengujian dan evaluasi SISIDANG baru diukur dengan User Acceptance Testing (UAT), survei fitur dashboard terkait dashboard design principle, dan System Usability Scaling (SUS). Hasil dari evaluasi menunjukkan bahwa SISIDANG baru telah cukup memenuhi kriteria pembuatan dashboard dan memenuhi kriteria cukup untuk tingkat usability.

.....The goal of the development of the latest version of the Sistem Informasi Penjadwalan Sidang (SISIDANG) in this final project is to be able to be use for the whole final assignment process in the second semester of 2022/2023 at the Faculty of Computer Science, University of Indonesia. This development process consisted of designing and implementation process of new features such as dashboards and honorarium reports and improvements to lacking features such as reports related to final assignment presentation, final assignment assessments, final assignment evaluation, the scheduling process of final assignment, lecturers management, final assignment management, lecturer's personal schedule feature, and uploading student files. The development process is carried out by using Feature Driven Development (FDD) methodology, which has the advantage of faster development progress. After the development process, testing and evaluation were carried out in order to ensure the website's performance and user satisfaction meet user expectations. Testing and evaluation of the new system are measured with User Acceptance Testing (UAT), survey related to dashboard design principles, and System Usability Scaling (SUS). The results of the evaluation show that the new system has sufficiently met the criteria for making dashboards and the criteria for usability level.