ISLAHATUN NUFUSI, *"THE DESIGN OF A WEB-BASED MONITORING INFORMATION SYSTEM FOR STUDENT ORGANIZATIONS AT THE UNIVERSITY OF BANTEN JAYA USING THE CODEIGNITER FRAMEWORK."*

Department / Study Program Of Informatics Engineering, Education Level / Strata 1 (S1). Thesis, August 15, 2021.
xvii + 173 Pages, 109 Images, 6 Attachments

ABSTRACT

The Student Organization Monitoring Information System (SIMORA) is a student monitoring system for student organizations located at the University of Banten Jaya using electronic device technology. Currently, the Student Organization at the University of Banten Jaya, in terms of administrative management, such as submitting activity budget plans, proposals, accountability reports and announcements, and so on, still uses a manual system that still uses paper, so that it is vulnerable to storage errors and data loss. All administrative activities will be archived and used as a reference in the implementation of activities for each student organization in the next period. The purpose of this research is to design a website for monitoring student organization activities and help optimize the administrative processes of student organizations through SIMORA. The method of system design used in this research uses the Waterfall method so that it is easier to develop and use UML for visual system modeling. SIMORA is based on a website using the CodeIgniter framework. This student organization monitoring information system acts as a means of supporting web-based organizations so that they can be accessed online with various service features that are mutually integrated with one another. This information system can facilitate the head of student affairs in disseminating information, disciplining student organizations about the program to be implemented, and supervising student organizations in terms of administration and student activities. This system can help disciplined student organizations to submit activities because the SIMORA system can not submit activities if they are not in accordance with the Draft Activity Budget (RAK). In this system, only input data submission, so it can minimize the revision of the submission.

Keywords: *CodeIgniter, Monitoring, UML, Waterfall, Website.*

Disahkan oleh,
Pusbang Bahasa Unbaja

Rohansari Saputri, M.Pd.