

ABSTRACT

Faculty of Industrial Engineering is one of the faculties part of Telkom University, which located on Jl. Telecommunications No.1, Dayeuhkolot, Bandung. Faculty of Industrial Engineering has recruited as many as 133 lecturers, which the lecturers also have a career path called the Academic Lecturer Position. There are problems in the administrative process of submitting a Lecturer Academic Position promotion. The data that flows is not documented well, and resulting differences in information and the difficulty of managing data and information related to the administrative process of Lecturer Academic Position promotion.

The design of this final project is management information system that using Rapid Application Development (RAD) as a system development method. The RAD method consists of four phases, i.e ; requirements planning, where the data collection process, identification of stakeholders; user requirements and system requirements are carried out; user design, where system design modeling is carried out; construction, where coding is designed and developed according to system design; and cutover, where testing and analysis of the results of the system that has been designed is carried out.

The output of this final project is an integrated management information system as an application that can assist in recording, recapitulation and processing related to administrative data for submitting JAD increases at the Faculty of Industrial Engineering, Telkom University. So that obtained convenience in the process of data management and information distribution process in real time. The system has also gone through the process of testing functionality using blackbox testing, in which scenarios for the use of all functions are implemented. User validation testing using a user acceptance test (UAT) produces an average percentage value of 92.3% so that it can be interpreted that the system designed meets user needs and is suitable for use.

Keywords : Management Information System, JAD, RAD