

ABSTRACT

Each country has different educational methods and it can measure the reputation of a country and quality of education with other countries. One of the parameters that affect the quality of education in Indonesia, especially the college level are human resources, there are lectures. Lectures in the majority Information Sistem must fulfill three responsibilities of universities established by the Higher Education will hold its next assessment process Workload Lecturer (BKD). To support the assessment of BKD, we need a system that is able to manage data and associated knowledge BKD, namely Knowledge Management System Workload Lecturer.

Developing process of KMS is using iterative and incremental method and web-based information system. In the iterative and incremental methods, KMS will go through stages BKD business modeling, requirements, system analysis, system design, implementation, and testing. Framework is used in developing KMS use CodeIgniter framework, so as to facilitate further development. In addition developing KMS BKD also use the KM Life Cycle useful to facilitate data storage and give the information that will be processed to produce knowledge.

Result of this research will be formed into a Knowledge Management System which has functionality to support BKD management in majority Information Sistem. One of the functions contained in the KMS BKD BKD is data management. The process of adding, updating, and archival storage of faculty performance thus supporting the transfer knowledge from semester to semester half in order for faculty performance is better than the performance of the previous. In addition, BKD KMS majority Information Sistem is able to provide an evaluation of the work of each lecturer. With the KMS BK, BKD assessment can be done more easily and there is transparency in the assessment of BKD.

Keywords: Workload Lecturer (BKD), Knowledge Management System, Knowledge Management Life Cycle, CodeIgniter Framework, Iterative and Incremental method.