

ABSTRACT

Education is one of parameters to reputation measurement of the country. Therefore, to have a good reputation, the one way is the country must have a good quality of education. One of parameters influence the quality of Indonesia. Especially in the college level is human resource, there are a lectures. Lectures in the Industrial Engineering School should have universities established by the higher Education will hold its next assessment process (BKD). As support the assessment of BKD, we need a system will be able to support and manage data and association knowledge BKD, namely Knowledge Management System Workload Lecturer.

In developing process of Knowledge Management system is using iterative and incremental method and web-based information system. In the iterative and incremental method, KMS will through BKD stages are, business modeling, system analyst system design, implementation and testing. Framework is using in developing KMS use CodeIgniter framework, as a facilitate data storage, and give some information that will be process to produce the information and knowledge.

The result of this research is a web Knowledge Management System application which has functionality to support BKD Industrial Engineering Faculty . The process of adding, updating, archival storage of faculty performance will support 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 is able to provide an evaluation of the work of each lecturer. With the KMS BKD, BKD assessment will be done easily and there is transparency in the assessment of BKD.

Keywords : Community Services, Framework CodeIgniter, Iterative Incremental Method, Knowledge Management System (KMS), Workload Lecturer,