

ABSTRACT

Accreditation is one form of assessment (evaluation) the quality and feasibility of higher education institutions particularly courses conducted by an independent organization or agency outside the college. To be able to face the BAN-PT accreditation in 2014, the Industrial Engineering Program must be able to prepare documents accreditation forms and supporting documents for accreditation. The problem contained in the current process is difficult to find and collect the documents and information needed, because its existence is spread and not stored properly. Therefore, the institutions need an information system that can assist in providing information as well as an integrated document storage.

This research will build an information system that is implemented in the application form using the waterfall method. Analysis and design of this system using the BPI method and in the next step, it will be testing the functionality of the system. The result is that the system which is conformity with the requirement of system design and accreditation forms.

Result of making this information system can assist the process of accreditation in Industrial Engineering Program. Accreditation preparation business processes and business processes associated with the provision of accreditation forms to have adjustments.

To support the use of these applications, performed improve business process where using thirteen streamlining processes where there are some businesses that do the repairs Preparation Process Lectures, Teaching Business Process and Evaluation, Final Project Business Process, Business Process Session Final Project, Business Process Testing. In addition, the information system applications that can help support the accreditation process of filling accreditation forms where the login function, function Exam Questions, Syllabus and SAP functionality works as expected.

Keywords: Accreditation, Forms (Borang), Information Systems, Faculty of Industrial Engineering.