

ABSTRACT

Based on decision of the BAN-PT 2008, Industrial Engineering courses at IT Telkom earned “A” and will be re-accredited by 2014. In the process of assessment, accreditation activities are using “borang” as a tool or instrument to collect information about the performance of the study programs. The problem lies in the sloppy way to storage the documents which are required for the accreditation process which causing a pilling up documents. Therefore a file search is required to collect this accreditation documents. One of them is by using information systems that are reinforced with data storage systems. This research aims to design an accreditation support to assist the process of filling the standard form 4 regarding human resources in accordance with the standards of accreditation BAN-PT information system design.

Information system design method using Waterfall method, which does systematic and sequential approach, starting from the top-level system requirements and then heading to the stage of the analysis, design, coding, testing/verification, and maintenance.

After making the application of information systems supporting accreditation, conducted trials are tested by user applications, which include Assistant Manager human resources & amp; Finance, lecturers, Academics, as well as The Administration of the Faculty of Industrial Engineering. Percentage of application design of 100% indicates that the application has an attractive appearance, and function menus are easier to understand as well as the adequacy of the information provided. Percentage of reliability of 100% indicates that the application is able to input data in accordance with the needs of the readers, able to print the required form and also shows that these applications are effective and efficient. Percentage of responsiveness of 100% indicates that these applications provide convenience in filling form and provide a rapid response when accessed. Percentage of trust of 100% indicates that the application can be trusted as a media to input the process of activities contained in the “borang”. Percentage of personalization of 100% indicates that the application adds value to users whom use the application.

Keywords: accreditation, accreditation form, information systems, Faculty of Industrial Engineering