ABSTRACT

One of university assignment is keep the quality of university along with all units included the college course. One way to maintain the quality of the courses are carry out accreditation of college course at regular intervals. Accreditation is a process of quality evaluation and quality assessment of a college course or university by experts team in the field of accreditation. Telkom Institute of Technology (IT Telkom) is one of the university also doing collage course accreditation. Accreditation preparation collage courses is done conventionally, especially for the calculation of the value and document storage.

Accreditation preparation management information system is an information system that can help manage the accreditation of courses in preparation for college. This information system is intended for head of course and his team.

Information system was built using Java EE technologies and the struts framework implements multitier architecture. Iterative and incremental methods is system development methods used for this system. This system are based on the system established by BAN-PT. This system can be accessed by users so implement multitier architecture. Multitier architecture consists of four tier : client, presentation, business logic and database. Functionality testing was used blackbox testing. The results of the system are facilitate major to prepare borang and simulations assessment.

Keywords: quality, accreditation, borang, Java EE, multitier, iterative and incremental