

## **ABSTRACT**

**DESIGN OF WEB-BASE APPLICATION MANAGEMENT AND  
ACCREDITATION ASSESSMENT WITH WATERFALL METHOD IN  
STANDARD 7: RESEARCH, SERVICE/COMMUNITY SERVICE,  
AND COOPERATION  
(CASE STUDY: STUDY PROGRAM OF INFORMATION SYSTEM  
TELKOM UNIVERSITY)**

**By  
TEGUH DWI WIDODO  
NIM : 1106130082**

The need for information that precise and accurate has become a necessity for any society or organization in a rapidly increasing technology era. Application technology is necessary in achieving the need for such information. In the academic field the need for application is needed, because it can help academic proses. Such as information providers, learning process, and storage of administrative documents. At the college level, there is an assessment process that determines the quality of education that is called accreditation. In the accreditation of the study program there are 7 standard points to determine the quality of education, one of which is the standard 7 that discusses research, service or community service and cooperation. Telkom University, the Information Systems of study program received the first value of accreditation with the predicate "B" based on No.157 / SK / BAN-PT / Ak-XVI / S / VII / 2013 and will expire on 20 July 2018. Telkom university has problems while accreditation. Where the management of data and supporting documents are still not arranged neatly and the assessment on the simulation is still classified as manual by using excel. So the purpose of the preparation of this research is to design the application using waterfall method in order to assist in reducing the problem on the assessment and management of accreditation data along with supporting documents.

**Keywords: ACCREDITATION, STUDY PROGRAM, APPLICATION,  
ASSESSMENT, MANAGEMENT**