ABSTRACT

THE INFORMATION SYSTEM OF EDUCATOR AND SCHOOL’S STRUCTURE AND INFRASTRUCTURE DATA RECORDING (ELEMENTARY SCHOOL, JUNIOR HIGH SCHOOL, SENIOR HIGH SCHOOL) IN BANDAR LAMPUNG

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The objective of this research was to build an information system of educator and school’s structure and infrastructure data recording (elementary school, junior high school, senior high school) in Bandar Lampung according to assessment point of educator and structure and infrastructure at National School/Islamic School Accreditation Agency (BAN-S/M). This information system was built to overcome problems occurring in schools in Bandar Lampung. Result of field study to educator and structure and infrastructure data processing showed that the data processing of monthly report and accreditation report currently were using manual method by using Microsoft Office and this is a single process and not integrated to single database. Data were collected with field study in Public Senior High School 7 in Bandar Lampung, Public Junior High School 7 in Bandar Lampung, Public Junior High School 14 in Bandar Lampung, Public Islamic School 1 in Bandar Lampung, and Public Elementary School 2 in Way Kandis housing of Bandar Lampung. Data collected from these five schools included school profiles, lands, buildings, structures, infrastructures, facilities in school sites, electricity, fund resources, educator profiles, educator violations, subjects, classrooms, and students. This information system was made by using PHP and MySQL programing. Testing was conducted by using blackbox Equivalence Partitioning (EP) method. The result showed that each functions run properly and conformed the analysis. User satisfaction level testing was conducted by using Likert scale. The result showed that this information system belonged to very good category with 89,05% assessments of school operators and 90% of teacher’s assessments.

Keywords: Information System, Data Processing, Educator Standard