ABSTRACT

GEOGRAPHIC INFORMATION SYSTEM TO DETERMINE HIGH SCHOOL BASED ON RAYON OFFICIALS IN THE EDUCATION OFFICE OF THE CITY OF BANDUNG WEB-BASED

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Dinas Pendidikan (DISDIK) Kota Bandung having responsibility for carrying out development in the field of education in Bandung. The purpose of Student admission change at 2014 in Bandung for eliminating favorites school status and seek equitable distribution the quality of learning in every school, from cluster system to rayon system. The rayon system is newly implemented in public school (SD, SMP, SMA/MK).

This rayon system still causing problems for students, parent of student and school, where lack of understand with this rayon system, both mechanisms as well as information about where the schools are located in each rayon and schools can not provide recommendations based on criteria. Therefore, it is necessary to build a geographic information system to determine the state secondary school based rayon WITHIN Dinas Pendidikan Kota Bandung. There are criteria to determine the views of NEM school students and region of residence of parents. The analytical approach to the development of software used is structured analysis. In the implementation, geographic information system was built based on web.

Based on the results of testing the system with a method black box and beta (interviews and questionnaires) it could be concluded that a system built to provide recommendations public secondary schools in the city of Bandung to prospective students, parents and the school system based on rayon and could facilitate prospective students, parents and the school to get information about public secondary schools based rayon in Bandung.

Keywords: geographic, information system, geographic information system**,** rayon system, Dinas Pendidikan Kota Bandung.