

ABSTRACT

SMA Negeri 1 Dayeuhkolot is one of reputable high schools in Bandung District. Based on the data obtained, the number of applicants at New Students Admission (PSB) in SMA Negeri 1 Dayeuhkolot increased every year even though the quota is fixed. The execution of PSB is ran manually and resulted some problems like long queue, difficult to verify the score, hard to get accurate information about the result of freshmen's acceptance, and it is not transparent and realtime.

Web and SMS gateways are the two types of services in accordance with the concept of realtime which are needs to do the management of New Students Admission in SMA Negeri 1 Dayeuhkolot. Waterfall methodology is used in developing PSB Information system. Besides, this research is also used Unified Modelling Language in developing the system.

PSB information system based on WEB and SMS Gateway was made to grant an easy access for registrants and school in accepting the new admission. it is also gave the transparent and realtime information. besides, there is a report feature that could make school more easy in accpeting the new admission.

Keywords : High School, New Students Admission , Web, SMS Gateway, Information System

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