

ABSTRACT

SMA Negeri 1 Weleri is a school in a town called Kendal which has a function as an education institution on high school level. Information which is given by a school to the student, teacher, or public is very important to support teaching, also as the media publicity between the school and the public. Currently, the data processing of teacher, staff, student, lesson schedule, and score worked manually with the document processing software (Ms Word and Ms Excel) and has not computerized well.

Therefore, this final project entitled “Design and Implementation Information Systems of SMA Negeri 1 Weleri based on Web and SMS Gateway” is a media which managing and saving the academic data on SMA Negeri 1 Weleri. Those are managing student data, staff data, arranging lesson schedule, student score, staff agenda, and student attendance also other components that support this application.

From the result of this final project, users can access academic activities through the website and SMS media efficiently and effectively, because it showed good performance results. The average time it takes users to request information via SMS to the user gets an SMS response is 25.67 seconds. Response time access to information via the website until 4000 users can still be accessed.

Keywords: *information systems, web, SMS Gateway*