

ABSTRACT

SMAN 1 PATIANROWO is a high school located in the district of East Java Nganjuk. SMAN 1 PATIANROWO not yet implemented a system of web-based data processing, so that the obstacles to student to see the new value in the activities of receiving report cards. Presence was also still using manual media presence with a piece of paper attendance. Activities at the school, were also still use manual in order to know the academic information that is within the scope of SMAN 1 PATIANROWO. Based on the existing problems, the authors build a final project entitled "Academic Information System Web-Based PATIANROWO SMAN 1". The system uses the Netbeans JSP Java programming language and MySQL database. The method used is the Linear Sequence SDLC method using the Black Box Testing. After testing, the information system that is built can be accessed online. Admin role in the system and has the right to authorize access to teachers, employees and students to keep their data updated. The school principal, teachers, staff, students and parents can access the system contained personal data, student grades, presence, teacher performance and the performance of employees. Parents / guardians can also be monitoring the activities of their children in the academic sphere SMAN 1 PATIANROWO and receive sms from admin about the academic activities of the school. In the system, an actor that consist of the principal, teachers, staff, students and parents can find out more info about the existing academic at the home / yard system.

Keywords: Information System.