ABSTRACT

SMA Negeri 1 Dayeuhkolot is a Senior High School that located in Bandung Regency. There are two problems that caused by the increasing of student's amount. In February of 2013, there are 380 cases that students were absent without any remark. Attendance issue becomes major since it has been done manually. Mannual attendance process has three weakness: it is difficult to reconcile the attendance, difficult for parents in identifying the attendace of their children, and difficult to ensure that school's messeges are accepted by the parents.

Assessment process in that school is done mannually. The school has a standard score that must be passed by every student. So, the student can take remedial exam to pass that standard. Therefore, the teachers are hard to update the score sequentially then recalcuate it afterwards. Thus, it takes a long time to release the final score and spends much energy. Parents can't communicate with the teachers easily so they can't know the academical condition of their children.

Web and SMS Gateway based Information System of Academic is designed to solve academical problems in SMA Negri 1 Dayeuhkolot, especially for attendance and assessment of student. It uses Unified Modelling Language in designing and waterfall SDLC in developing. It can reconcile the attendace of students then gives some absent notification to the parents and teachers. It can give support to the teacher in giving scores to the student and also has a report card feature. Thus, teachers don't have to do some recalculation things in giving score to the student. Besides, parents can also see the student's score and attendance in real-time.

Keywords   : Senior High School, Academic, attendance, Assessment, Web, SMS Gateway, Information System