ABSTRACT

ACADEMIC INFORMATION SYSTEM BASED ON SMS GATEWAY AT JUNIOR HIGH SCHOOL AL-HADI BANDUNG

Junior High School Al-Hadi was one of the institution of academic data processing still using manual way is by recording on a sheet of paper. Use of the manual method resulted in frequent mistakes when inputting data such as enrollment data, student data, data of teachers, class divisions, scheduling and data values. The use of sheets of paper on data processing resulting in frequent loss or corruption of data due to the accumulation of data. At the time of delivery of academic information on students is by sticking on a bulletin board so it is not efficient because it does not bias in access anytime and anywhere. Building the Academic Information System at Junior High School Al-Hadi Bandung based SMS gateways in order to facilitate the processing of data.

This research used descriptive research and action. Data collection techniques are needed to solve the problems contained in the junior high school Al-Hadi Bandung is by way of observation and interviews. System development method used is Prototype by using the tools of design and analysis Flowmap, Diagram Context, Data Flow Diagram (DFD), Data Dictionary. The software used is NetBeans IDE 7.0 and MySQL.

Construction of academic information system is expected to help facilitate the processing of academic data in order to more effectively and efficiently, and reduce errors in inputting data. With the construction of academic information systems based on SMS gateway at junior high school Al-Hadi Bandung can facilitate the students in terms of accessing academic information so it can be done anytime and anywhere.

Keywords: Information Systems, Academic, SMS Gateway.