Abstract

Al-Falah High School Bandung Dago is a Foundation School which is ruled by the Islamic Al-Falah Foundation counts as the oldest in the city of Bandung. SMA Al Falah Bandung as the place where many students gain knowledge, it will continue to grow. In order to improve the competence and quality for their students. However, the lack of facilities and infrastructure development in the school environment will certainly be a stumbling block in itself. Because it is proper to have a high school Al Falah Academic Information System that is able to assist the activities of academic activities on the environment. So as to facilitate the various activities that high school Al Falah Akdemik run each period. There are several problems that are owned by the school in school administration, among others. Lesson scheduling is still done manually by using the file plus the existing teaching staff on average are not fixed. Sometimes there are some subjects that are not yet out of his schedule to be adjusted due to the teaching schedule. sometimes frequent absenteeism or loss of beam in the presence of students contents manually input into the form of absence. Payment of filing cards compulsory school fees (SPP) is also considered not to work optimally and effectively Since the manual is not infrequently also common filing errors. Registration procedures when the student does not involve an increased level of any beam, it is feared there is manipulation and data. In the new admissions process that there are 2 application and selection. Data archiving prospective students are still using Microsoft Excel-based program is not enough due to limited personnel to handle it that sometimes a delay in processing the data.

Information system development methods used in this study is to use the Waterfall approach to object-oriented analysis and design. Development of software used to support software that is Netbeans 7.1.1 and uses MySQL database processing Version 5.5.16.

To solve the existing problems, it takes an Academic Information System that can petrify activities that occur in the high school Academic Al-Falah Dago. Academic Information System is expected to be used to assist in managing the Party School of the existing academic activities.

Keywords: Information Systems, Academic.