ABSTRACT

Every instance either is big instance, medium or even low instance need a good data processing, so it can increase the service from the instance. A good data processing from an instance can appear a good image for the instance, beside that a good data processing can decrease an operational cost and make it more easier for working an assignment. For increase the way of service work at SMK SMK Bina Sarana Cendekia (BSC) Bandung, willing to change the pattern of data processing Information Academic System that still doing by manual way so it have to be change to computerized way. The difficulty that happen at SMK Bina Sarana Cendekia (BSC) Bandung is about a new data student, an acceptance for a new student, registration process, distribution process class and scheduling, and also giving an evidence and report to the student and the head master. In this report the existing problems will be taking a limit without talking about and moving student, upgradeting class and the administration process it will talking about the registration at an acceptance of a new student, where the pay can be done at first time.

For derealization of the Information System process, the writer use collecting data primary and sekunder technique such as observation technique, interview and collecting documents technique, and for the development we use a prototype methode It's an analysis, design and implementation Information Academic System at SMK Bina Sarana Cendekia (BSC) Bandung. For the analysis and design we use Data Flow Diagram (DFD) and Entity Relationship Diagram (ERD). In this information academic system design we use Visual Basic 6.0 and SQL Server as database.

Right now the existence of Information Academic System is very usefull for reaching the goal of SMK Bina Sarana Cendekia (BSC) Bandung, to be able to increase the service of Information Academic System process with automatically way. Beside that, this I as can decrease the level of mistaken at the execution. The result from this research is and made of Information Acedemic System and we suggest, it neeed an handle of data security and human resource that can operating SQL Server 2000 software.

Keywords : Academic, prototype, Visual Basic 6.0