ABSTRACT

KARINA DEWI, 2012. *System of Academic Information at SMP Negeri 52 Bandung. Adviser lecturer* : **Sintya Sukarta ST., MT**.

Each agency both agencies large, medium or small institution require good data processing, so that performance an institution in terms of service can be improved. Good data processing at an agency raises a good image on the institution, besides good data processing can reduce operational costs and facilitate in workmanship on duty. To improve the performance in SMP Negeri 52 Bandung, the writer wants to change the pattern of data processing of Academic Information Systems that previously were done manually to be computerized, difficulty which happened in SMP Negeri 52 Bandung is in terms of lesson's scheduling, the students' data processing, student's data reporting process, and in this report the existing problems will be limited by not discussing the enrollment of new students transfer / mutation from another school.

To realize the process of the Academic Information System, the method that the writer used was the techniques of primary and secondary data collection techniques such as observation, interviews and documents collection techniques, and development that used prototype method. The stage was done by analyzing, designing and implementing the Academic Information Systems at Elementary. For analysis and design phase was modeled by Flow map, Diagram Context, Data Flow Diagrams (DFD) and Entity Relationship Diagram (ERD). In design of this Academic Information System was using Visual Basic 6.0 programming language and SQL Server as the database.

With the develop of Academic Information System the writer expected to assist the computerized data processing such as registration data academic, student, the student's scheduling of subjects in SMP Negeri 52 Bandung can be completed quickly, effectively and efficiently.

***Keywords** : Academic, Prototype, Microsoft Visual Basic 6.0*