ABSTRACT

Library is a means of supporting learning. Data should be processed in the library and SMAN 1 Kawali enough, while the processes of data processing in library library SMAN 1 Kawali still manual generally. This often cause problems, both in terms of data management, information, calculations or reports in the formulation. Information system rental refund of books and expected to be built to help the library staff in the process and store data and provide convenience in formulating the report.

Method used in the development of Information system rental refund of books is the waterfall method and exploit some of the tools such as system design flowmap, context diagram, data flow diagram, while for the database design tool which is used normalization, entity Relational diagrams, and tables relations. The software used is Visual Basic 6.0 to build the application and refund of borrowing books and SQL Server 2000 database to build the library.

Information system rental refund of books and built as a solution of the problems that arise when the system is still using manually Information system rental refund of books and is able to process data quickly, so it can improve the performance of staff library, quicken the process of borrowing transaction and refund of books and can produce reports that are required with the easy, fast and accurate so decision making can also be done quickly and correctly.

Keyword : Library Information System Structured