ABSTRACT

Mutiara Junior High School Library at 5 Lembang, founded upon the initiative of teachers who have a very important role, because the existence of a library in SMP Mutiara 5 Lembang This means schools are already providing services to the teachers and students in teaching and learning that will provide a new knowledge. These problems often faced by start of the process of borrowing books is still seeing record perkelas book that caused the data recording process takes more time and preparation of reports taken from the record book loaning perkelas, it takes a long time.

The system development method which writer use is the waterfall model (Linear Sequential Model), and the approach used in research is a structured approach, while research methods such as direct observation, interviews and collect documents necessary for the making of this application program, using the tools modeling such as flowcharts document, context diagram and data flow diagram (DFD). Meanwhile, database application development tools using Visual Basic 6.0.

With the existence of library information systems at the junior Mutiara 5 Lembang will accelerate the process of data processing loaning and book return. But the authors recognize that this system is very simple, yet includes all the access and easy - I hope someday they can be developed again by the Junior Library to the shape of Pearls 5 Lembang Client Server network that covers all data processing in all parts of the library.

Key words : Library,Waterfall,VB 6.0, SQL Server 2000