ABSTRACT

SMA PGRI 1 Bandung Library is a library that located in SMA PGRI 1 Bandung environment. At the present time, there is some trouble that faced by SMA PGRI 1 Bandung Library, one of them is the borrowing book and book return process that's still done by manual process or still done by recording it into the borrowing book records. Other than that, if a member want to borrow or returning books, the librarian have to check the borrowing book records first.

To help solving the problems that occurred, than made a java oriented information system with MySQL as the database. The research method that used to build this information system is using the descriptive method also using structured approach method with flowmap and DFD as an analysis tools. For the system development method is using the prototype method.

With the information system that has been built, is expected to be able to help solving the problems and makes the datas borrowing process with books return become easier also that the data processing of reports could be more effective and efficient.

Keywords : information system, library, prototype.