

## ABSTRACT

SMA Negeri 2 Kebumen established in 1992 has been preparing to increase its quality to compete with the other senior high school in Indonesia. The target that it intends to achieve is to become SKM (Sekolah Kategori Mandiri). To achieve it, the school must meet all of the requirements to do, one of them seems to be the availability of book collections for each lesson.

Library Information System Design, named L.A.B.Z. might improve the troubling business process in the library of SMA Negeri 2 Kebumen. It helps the librarian for to have an arranging the monthly and yearly report of purchased and subsidiary books. This system possibly decreases error rate of entered data caused by human error. This failure is related with the calculation of fines due to the borrowing overdue. The availability of the books catalogue is able to be a guide in borrowing a book, also enables the librarian make him/her ease in library management.

L.A.B.Z. information system is designed as a desktop application in order to enable the librarian to operate the application without an additional application, such as web browser. Compared with the existed system, the proposed one is better in case of books data entry activity. Moreover, some facilities such as borrowing frequency graphic, enables the headmaster make up his/her policy in for the improvement of school education.

Keyword : Information System, Library Management, Desktop Application