

## ABSTRACT

Libraries are an effort to maintain and improve the efficiency and effectiveness of the process of seeking knowledge. A well-organized and systematic library, whether it exists or not, can certainly facilitate the teaching and learning process in the school library area. The school library as a place to collect, store, and manage library materials as an information center for a school that is organized using a system of rules where technology can be applied in its management. Technology can be applied to library automation such as procurement, inventory, cataloging, circulation of library materials, member management, statistics, and so on. In addition, technology can also function as a means to store, obtain, and disseminate scientific information in digital format. There are several functions attached to the library, one of which is the information function. The library functions to provide a variety of information including printed, recorded, and other collections. RFID is a general term used to describe a system that transmits an identity (in the form of a unique serial number) of an object or person wirelessly using radio waves. And is a method of object identification that uses radio waves. The identification process is carried out by the RFID reader and RFID transponder (RFID tag). From the explanation above, the author concludes how important the library is for storing data and system data security. The activities carried out in the discussion of the Final Level Report are to apply radio frequency identification (RFID) technology based on the internet of things (IOT) in the library.

**Keywords:** *Radio Frequency Identification (RFID), Internet of Things (IOT), Security, Library*