

ABSTRACT

Science is the light of Life. Without knowledge, someone will have difficulty in navigating life in this world. One source of knowledge is the book, how to know the contents of the book by reading it. To increase interest in reading, the government also took part in the success of the program. Library is one of the government's efforts to facilitate the community in this regard. There is also a procurement of reading houses organized by several foundations or individuals who care about the increase in reading interest community. At reading house, there are various kinds of books that are not much different from the existing collection of books in the library. To facilitate home managers read in telling the collection of books that exist in the house read and visitors know the existence and availability of the book collection then built the interface electronic reading house. At reading house there are aspects that are not removed the manager of the house read in charge as an admin and read only home visitors as a user. The purpose of this study is to build an electronic home interface that will use Raspberry Pi device which will be used as a server and client, which of course has a different function. On Raspberry Pi Server as a data center can add, change, and delete the collection of reading house books, while Raspberry Pi Client can only find out the availability and availability of a collection of books to read at reading house.

Keywords: Raspberry Pi, Reading House