

ABSTRACT

ITTelkom Library is one library with national standards, has the most complete and modern services such as service catalog, which consists of the international journal IEEE, GALE Cengage Learning, ProQuest, Emerald, Springer, EBSCO Host, and The Wall Street Journal, has ICT services, scientific services, lending services of books and academic support services in the form of a reference textbook, ebook, CD / DVD library of interactive and comfortable room. One of the most common application services accessed by the visitors is an application service book information. Infomasi books on library services ITTelkom provide information about the location of books by category, user information such as title and number readiness. Here the information provided by an existing application is still incomplete and the use of the application must be on site. Library IT Telkom does not have an application service that presents data information system that can complete the book accessible to students off site

It made for a client-server applications based on android with a view to complement the existing system. Here the application presents data book information available at the library IT Telkom, whether existing data on other data such as books and book related information, related links, and author biography. Visitors can access information either on site or off site by utilizing the features of the application. Features such as scan barcodes owned, manual search, a collection of books, as well as the history of borrowing books. This application was tested using the Mean Opinion Score to get feedback on the application, test each function as well as test the performance of existing applications.

At the end of this task, can be generated an Android-based client server application for ITTelkom library. And trials as well as the features of the application can be used to access information in books or on site and off site more than that 50% of respondents said application satisfying

Keyword : Android, IT Telkom Library, Library, Self Service, Barcode, Barcode Scanner