ABSTRACT

PPDS Anesthesiology and Reanimation RSUD Dr. Soetomo is one of the education program specialist doctors agencies. In the educational process as a means PPDS required libraries to support information access in the learning process. The important role of libraries in education is to maintain and improve the effectiveness of the teaching-learning process. PPDS Anaesthesiology and Reanimation library management activities which include lending transaction records, returns, and registration is currently still using the traditional way of recording with Microsoft Office Excel. This causes obstruct on the process of finding a book, checking availability of books, and a collection of books. With the recording process traditionally using Microsoft Office Excel, it will inhibit the activity of teaching and learning on PPDS Anesthesiology and Reanimation RSUD Dr. Soetomo.

From these problems, we need a Library Management Information System application is equipped with facilities to carry out resource management in the form of physical and digital libraries, management of loan-repayment transactions,
user data management library, request for borrowing books through the waiting list, and management reporting library.

The realization of the Library Management Information System on PPDS Anesthesiology and Reanimation is a website application. Website application form will be selected based on the needs of the ease of access and available online anywhere. Information system literature management developed using prototyping method, this method can be used to clarify and simplify the application design in the process of extracting the software needs of users. Prototyping also has advantages in terms of getting feedback from the users of the software.

Results of this final project form of documentation requirements and software design are adjusted to the content of the document requirements and design ReadySET section. Produced as well as web applications the Information system literature management.

Keywords : Education program specialist doctors, Library, Information system literature management, Prototyping, ReadySET.