CHAPTER II: SYSTEM PROJECT CONTEXT

REQUIREMENTS MODELING

The project is specifically designed for the use of librarians and library users.

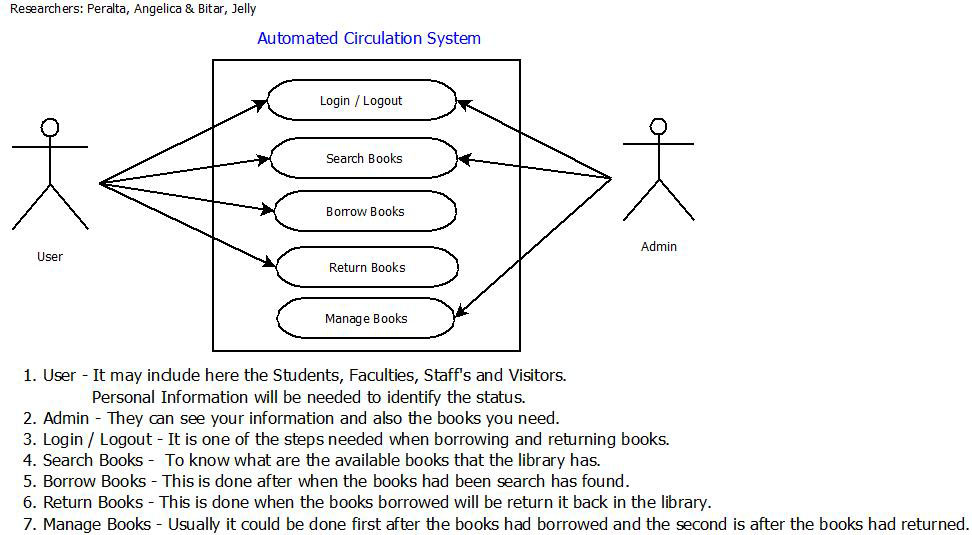


Figure 4 Use Case: Automated Circulation System

Librarian and users can log in/log out the account, search, return and barrow the books for library management process but the librarian can do only one thing is to manage the books that the users cannot do. It is especially useful for any educational institute where modifications in the content can be done easily according to requirements.

(EXAMPLE DESIGN…………………………………….)

SYSTEM DESIGN

 Search Books

Figure 9. Search Book

The planning and design of this new system, its construction and operation, basic functions, and routine and non‐routine output. It is designed to be flexible in accommodating amendments and additions at short notice, and with little or no reprogramming. Details the structure of the system control file, and the other advantages and interesting features deriving from its use. Indicates possible future developments, including the introduction of an on‐line system and isolates 3 defects: insecurity of data; consumption of time and possibility of human error; volume of paper produced.

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