A Java based University Library Management System

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Abstract

In the era of modernization, everything is accomplished or thought to be accessed through internet so that do not need to waste time and face any inconvenience. Using internet, the democratization of knowledge has been easier. The concept of sharing knowledge is centralized in a digital library, which plays a vital role in the dissemination of knowledge and spiritual civilization. The level of maintaining a library is closely related to the quality of teaching in Universities. With the increasing of number of students in Universities, maintaining a library using the old management methods is too much complex and time consuming and hardly possible to adapt to the development of times. To overcome this situation appeared in most of the middle level countries like Bangladesh, authors develop an automated digital library management system. The main features of this software are user interactive graphical representation (using bar diagram and pie chart) of the total number of books requested, books uploaded, yearly books count etc. Besides, notifications and reports are viewed instantly for corresponding users. Another thing is that using this software, user could find out books searching by any one of these: title, author’s name, subject, publication, series, ISBN/ISSN, etc.
That is, the developed automated library management software would meet the needs of the growing students and teachers demand.

References


Index Terms

Computer Science

Information Systems

Keywords

Library management system; Application; Software; Java