

DESIGN AND DEVELOPMENT OF AN AUTOMATED LIBRARY MANAGEMENT SYSTEM FOR MEHRAN UNIVERSITY LIBRARY, JAMSHORO

LIAQUAT ALI RAHOO¹ & MUKHTIAR ALI UNAR²

¹Senior I.T Assistant, Muet Library & Online Information Center, Jamshoro, Sindh, Pakistan

²Director I.I.C.T, Mehran University of Engineering & Technology, Jamshoro, Sindh, Pakistan

ABSTRACT

This study aims to seek the requirements of the integrated library management system proposed and developed for the Mehran University Library as a step to automate its library services. Study used models to come up with the system. Met most of the goals of the system by enabling library staff follow their clients and resources that they manage. A report generation as easy as all the information has become easier to manipulate because of the nature of electronic storage. Find reading material has been made easy because different criteria can be used to accomplish the task. The user interfaces are friendly and there was a need for re- training other than orientation. The researcher recommends that this system will be built on an ongoing basis to take care of library services other management includes serials and periodicals , and reservations book , e-mail notification automatic reminder , and the use of bar codes , scanners and labels , and the use of RFID (Radio Frequency Identification) tags to reduce thefts book[1]. It is also recommended that the library system, go online so that access to books and lectures over the Internet by users.

KEYWORDS: Library Management, Network, Service Delivery