CHAPTER 1 : INTRODUCTION

* EXISTING SYSTEM DETAILS

The project titled Library Management System is Library

Management software for monitoring and controlling the transactions in a library .The project “Library Management System” is developed in php, which mainly focuses on basic operations in a library like adding new books, and updating new information, searching books and members and return books.

This project of “LIBRARY MANAGEMENT” of gives us the complete information about the library. We can enter the record of new books and retrieve the details of books available in the library. We can issue the books to the students and maintain their records and can also check how many books are issued and stock available in the library. In this project we can maintain the late fine of students who returns the issued books after the due date.

Throughout the project the focus has been on presenting information and comments in an easy and intelligible manner. The project is very useful for those who want to know about Library Management System.

* PROBLEM OF EXISTING SYSTEM

System and their relationships within and outside of the system. Here the key question is- what all problems exist in the present system? What must be done to solve the problem? Analysis begins when a user or manager begins a study of the System Analysis is a detailed study of the various operations performed by a program using existing system.During analysis, data collected on the various files, decision points and transactions handled by the present system. The success of the system depends largely on how clearly the problem is defined, thoroughly investigated and properly carried out through the choice of solution. A good analysis model should provide not only the mechanisms of problem understanding but also the frame work of the solution. Thus it should be studied thoroughly by collecting data about the system. Then the proposed system should be analyzed thoroughly in accordance with the needs

* PROPOSED SYSTEM INTRODUCTION

Proposed system is an automated Library Management System. Through our software user can add books, search books, renewal, update information, edit information, and return books in quick time. Our proposed system has the following advantages.

. User friendly interface

. Fast access to database

. Less error

. More Storage Capacity

. Search facility

. Look and Feel Environment

. Quick transaction

All the manual difficulties in managing the Library have been rectified by implementing computerization.

* PROBLEM STATEMENT AND OBJECTIVE

An online library is a collection of information that is stored and accessed electronically. The information stored in the library should have all the information of all the books present in the library. When the user wants to search for a book can search by its name or author’s name. A online library should also have a user interface that is easy to use.

The main objective of the system is to automate the existing system of manually maintaining the records of book issue, book return from the student stock maintenance, catalog and book search to be computerized. So the book issue, return, search will be faster.

CHAPTER 2 : REQUIREMENT ANALYSIS

* TECHNOLOGY

Front End:

Python

Back End:

MySQL

* MODULES

Module 1 : Admin login: Admin is the one who administers the system by adding or         removing E-books into and from respectively.

Module 2 : User login: Students have to register themselves into the system to create an account. After registering successfully, they can then login into the system by entering 10 digit mobile number and their email id.

Module 3 : Add and Update Books: The admin can add books to the system by entering the details of the books and can even update the details

* Module 4 : Search option : Admin and students can even search for books by entering the name of the book.