



A
Project Report
On
Library Management System

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MAHARAJA JIVAJIRAO SHINDE

MAHAVIDYALAYA

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Certificate

Department Of Computer Application

This is certify that the project report entitled

LIBRARY MANAGEMENT SYSTEM

Submitted By

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As record of student own work carried out by them Under
guidance and supervision

PROJECT GUIDE

21/04/18

EXAMINER

HEAD OF DEPT

ACKNOWLEDGEMENT

I wish to take opportunity to express our profound thanks & gratitude to all those who have directly or indirectly helped me in the completion of this project.

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“Library Management System”

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Head of BBA(CA) Department & all staff member for their guidance & moral support.

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INDEX

Sr.No	Content	Page No
Ch.1	Introduction	1
1.2	Scope Of System	2
1.3	Purpose Of System	3
Ch.2	Analysis	4
2.1	Hardware and Software Requirement	5
2.2	Feasibility Study	6
Ch.3	System Design	7
3.1	E-R Diagram	8
3.2	DFD(Data Flow Diagram)	10
3.3	Class Diagram	11
3.4	Sequence Diagram	12
Ch.4	Input Design	13
Ch.5	Table Design	24
Ch.6	Project Report	27
Ch.7	Conclusion	29
Ch.8	Bibliography	32

Introduction

Library management system is a project which aims in developing a computerized system to maintain all the daily work of library. It gives complete information about the library. We can enter the new record of new books and retrieve the details of books available in the library.

We can issue the books of 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.

This project has many features which are generally not available in normal library management system.

Overall this project of ours is being developed to help the students as well as staff of library to maintain in the best way possible and also reduce the human efforts.

Scope of System

This project of library management is helpful to track all the book and library information and to rate the maximum number of books, the visitors wished to read. The software will be able to handle all the necessary information.

Any education institute can make use of it for providing information about author, content of the available books.

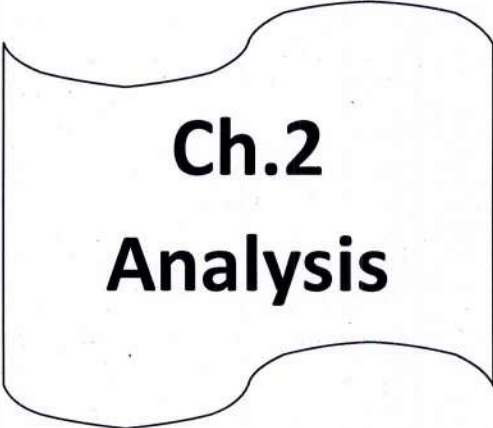
Can enter details related to a particular book. Can enter details related to a particular student/user. can read and write information about any member. Can update ,create, delete the record of membership as per requirement .

Purpose Of System

This Software of Library management System is Designed And developed for keeping the records of all the books in the library and the records of the books issued to the students and the books returned from the students. along with the record of student's details.

The books received in the library are entered in Book entry form and the new students entered in the student entry form .when the students wants to get the desired book the same is to be issued on the availability basis to the students.

The issuance date and due date for returning of the book is also entered into the book issue form. If any student doesn' t return the book on the given date then that student has pay fine



Ch.2

Analysis

2.1 Hardware and Software Requirement

(A) Hardware Requirement :-

- ☐ Processor :- Keyboard, Mouse, Monitor
- ☐ Hard disk :- 500GB
- ☐ Ram :- 3GB

(B) Software Requirement :-

- ☐ Operating System :- Windows 7 & above
- ☐ Front-End tools :- Microsoft visual studio 2010
- ☐ Back-End tools :- Ms access

2.2 Feasibility Study

The feasibility study of the system including analyze various aspect of the system affecting different aspect of the organization. The aspect of the organization to be analyzed and risks analysis was conducted simultaneously. as they are related to each and to the system in many ways. As the project risk is less the feasibility of producing quality software is increased.

1) Technical feasibility:

My proposed system technically feasible because we are using an open source technologies like visual basis which is used in the we are using struts framework which helps to keep companies separate. So in future we can replace strut with any other new framework.

2) Economical Feasibility:

My proposed System is economically feasible to medium and big companies because we are using Microsoft languages that are not free to all.

3) Operational Feasibility:

The proposed system is operational feasible due to the following reasons:

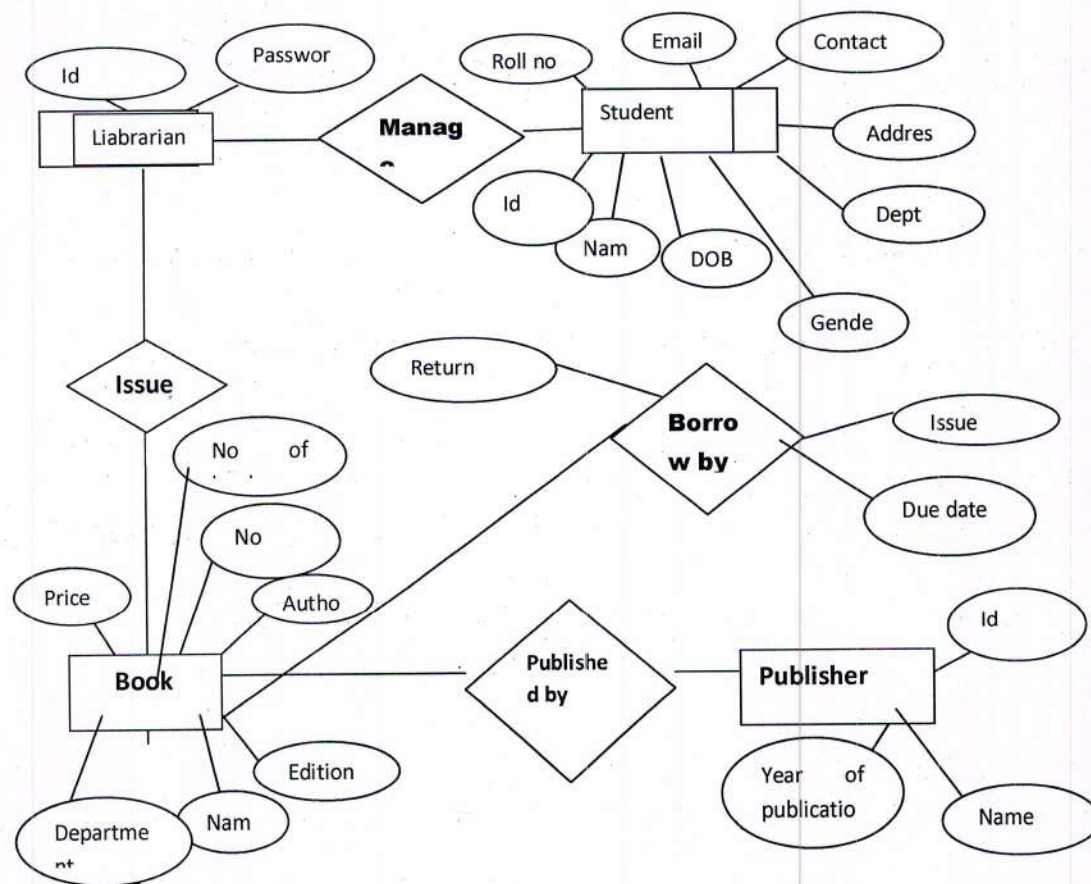
Utilization of the software with menu-driven system. The easy way of operation & generation of documents and reports with interactive screens is an added advantage to the users. Thus the system was found to be operational Feasible.

Ch.3

System Design

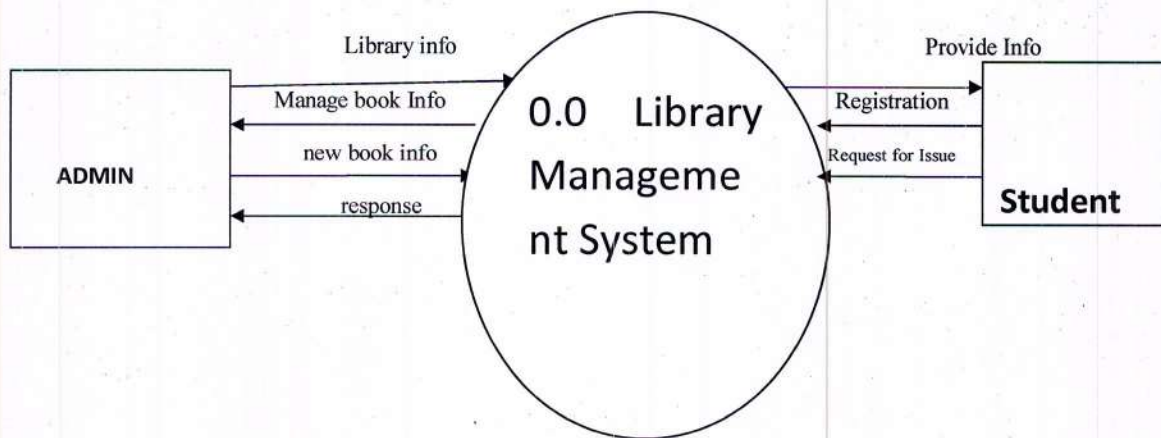
3.1

ER - Diagram

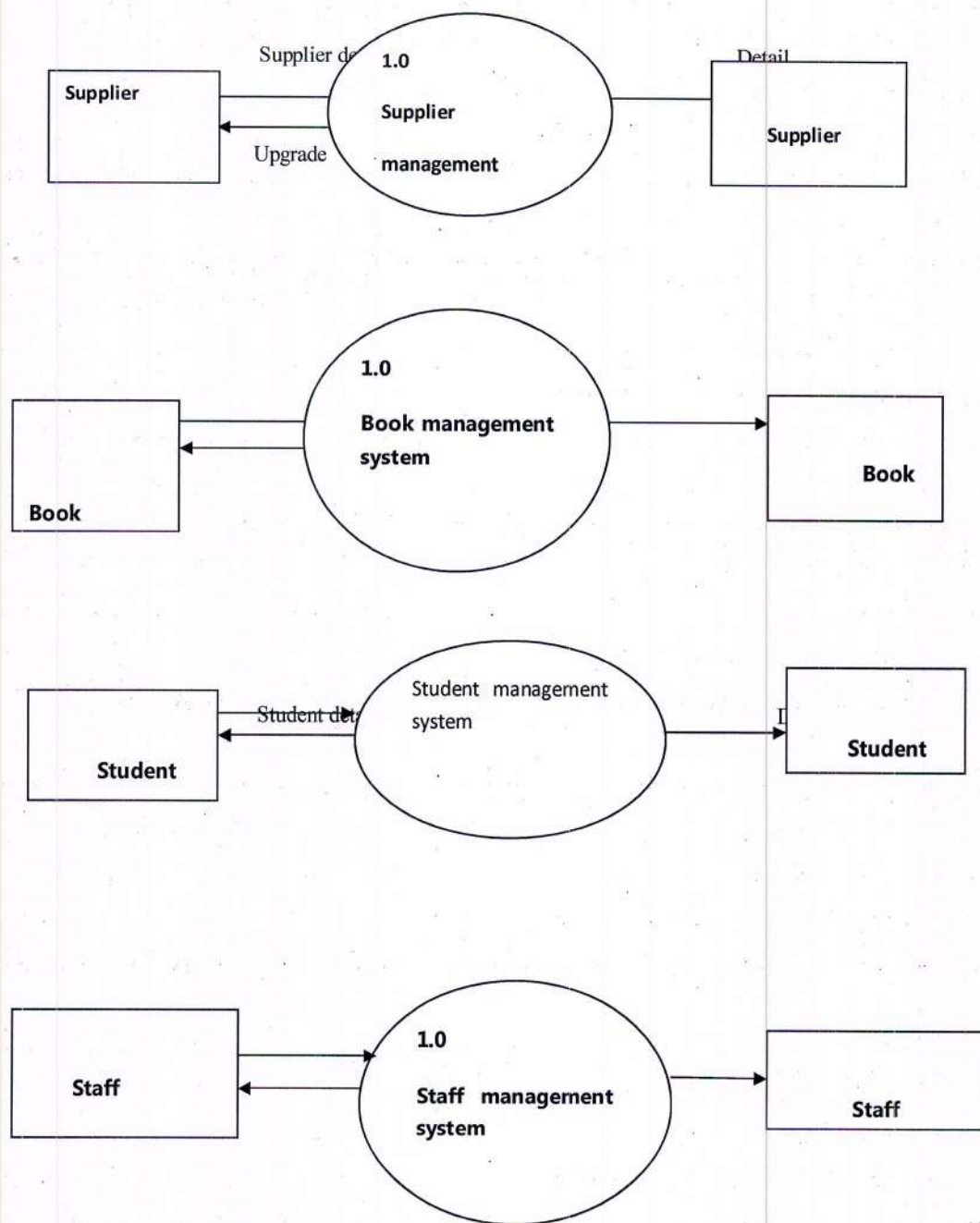


DATA FLOW DIAGRAM..

Context level Diagram



FIRST LEVEL DATA FLOW DIAGRAM



Class Diagram

