**REQUIREMENTS SPECIFICATION  FOR ONLINE  LIBRARY  MANAGEMEN SOFTWARE T  SYTEMS  (OLMS)**

prepared by

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                        Proposed to

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10/O3/2003

1. Introduction
2. Purpose: online library management system is software that is designed to manage all the functions of a library. It helps librarian to maintain the database of new books and the books that are borrowed by members along with their due dates. This system completely automates all your library’s activities. The best way to maintain, organize, and handle countless books systematically is to implement a library management system software.
3. Scope:  these systems allow the customers to maintain their cart for add or remove the product over the Internet.
4. Definition:  online library management systems (OLMS)

• SRS: software requirements specifications.

Ex. Students, administrator, people, etc.

1.4 Reference

1.5 overview: This system provides an easy solution for customers to buy

the product without going to the shop and also to shop owner

to sale the product.

1. Overall Description: on-line A library management system is **software that is designed to manage all the functions of a library**. It helps librarian to maintain the database of new books and the books that are borrowed by members along with their due dates. This system completely automates all your library's activities.

2 .1 Product perspective: the product easily available online.

2.2 products function:

1. Login

2. Log out

2.3 user characteristics: user click the website login, register, order, system.

2.4 Principal Actors. Principal actors are students and administrator

2.5 General constraints:

   A full internet connection is required for OLMS.

2.6. assumptions and dependencies: working for OLMS need internet connection.

3 . Specific requirements :

3.1. Functional Requirements:

Various functional modules that can be be implemented by the systems.

3.1 Description:

3.1.1 Registration:

Customer buy to book or product then he must be registered.

**3.1**.3 Login

when a customer buy product that time customer user I’d enter and password then buy book or product

3.1.4 payment:

* The system we are dealing the mode of payment by cash

**3**.1.5. Report generation:

**Someone**online book buy. The system sent one copy of the bill to the customers E-mail address and another one for the system data base.

\* functional requirements:

1. provide the information regarding

 Books.

2.search for the required books from database.

3 . Add new book to the database.

4.update the number of books in database.

5.entre data of issued book in data base.

6. information of returned books.

3.2 non-functional requirements :

* Usability requirements
* Availability requirements.
* Efficiency requirements.
* Accuracy.
* Performance requirements.
* Reliability requirements.

3.3 Technical issues :

The Survey revealed that two libraries surveyed face several problems such as **inadequacy of infrastructure and hardware, problems in the software, lack of trained and skilled staff and lack of funds**.

4.**Interface requirements :**

* Login page.
* RToRetration from.

There will be a screen displaying information about that the shop having.

* If the custom, select the buy button that another screen of library shopping will be opened
* Customer buy a book sent a bill one copy of the bill to the customer E-mail address.

\*Software interface:

* O.s.: windows 7 ultimate which supports networking
* Java development tool kit

\*Hardware interfaces:

Processor: Dual core

RAM: 4 GB

Hard disk: 320 GB

Communication interface :

* LOCAL AREA NETWORK
* WIDE AREA NETWORK
* SENDER To Receiver

System design specifications :    
Design :