**<LIBRARY MANAGEMENT SYSTEM >**  
  
  
**Abstract:**

Library Management System is a system which maintains the information about the books present in the library, their authors, the members of library to whom books are issued, library staff and all. This is very difficult to organize manually. Maintenance of all this information manually is a very complex task. Owing to the advancement of technology, organization of an Online Library becomes much simple. The Online Library Management has been designed to computerize and automate the operations performed over the information about the members, book issues and returns and all other operations. This computerization of library helps in many instances of its maintenances. It reduces the workload of management as most of the manual work done is reduced.  
  
**Problem Statement:**  
The problem occurred before having computerized system includes:

* File lost when computerized system is not implemented file is always lost because of human environment. Sometimes due to some human error there may be a loss of records.
* File damaged when a computerized system is not there file is always lost due to some accident like spilling of water by some member on file accidentally. Besides some natural disaster like floods or fires may also damage the files.
* Difficult to search record when there is no computerized system there is always a difficulty in searching of records if the records are large in number.
* Space consuming after the number of records become large the space for physical storage of file and records also increases if no computerized system is implemented.
* Cost consuming as there is no computerized system the to add each record paper will be needed which will increase the cost for the management of library

**Objectives and Scope**:  
  
[State the objectives to be achieved by your project. The objectives should be specific rather than general which clearly show the scope of sub problems that your project is going to address. Do not be too ambitious and propose reasonable objectives that are possible to be finished in this project.]

**Proposed Solutions:**  
To solve the inconveniences as mentioned in the problem statement, an Online Library is proposed. The proposed solution contains the following features:

* The students will register them through Online.
* Individually each member will have his account through which he can access the information he needs.
* Book details like authors, number of copies totally maintained by library, present available number of books, reference books, non-reference books etc. all this information can be made handy.
* Regarding the members designation, a number of books were issued.
* Issue dates and returns of each member are maintained separately and fine charged if there is any delay in returning the book.
* Administrators can add, update the books.
* Time consuming is low, gives accurate results, reliability can be improved with the help of security.

**Risks and Constraints**:  
  
[Identify the risks of your projects, including technical feasibility and organizational feasibility. Describe the constraints of your solution.]  
  
**References**:  
  
http://www.w3schools.com/html/html\_intro.asp

http://www.Udemy.com/css/css\_background.asp

<http://www.w3schools.com/js/js_datatypes.asp>