



PROJECT REPORT

ON

# ONLINE LIBRARY MANAGEMENT SYSTEM

Submitted by:	Submitted to:
Name : Md. Rasel Bishwas ID: 172311031 Semester: 8 <sup>th</sup> Section: A Dept. of CSE, Varendra University	<b>Md. Toufikul Islam</b> Lecturer (Provisional), Dept. of CSE, Varendra University

Submission Date: 25/12/2019

## **ABSTRACT**

Over the years, most people go to the library to read books. People who are addicted to reading books tend to skip their jobs and read books in the library. To overcome this problem, we have developed “web based Online Library Management System”.

The system which is developed in this project, Online Library Management System provides users a simple and efficient way of reading their favorite books and magazines.

Online Library Management System is based on web server, which can be implemented on any computer. In this application HTML, CSS and JavaScript are used as front-end tools.

Users can be reading Bangla and English books, magazines and newspapers in this library. They can read all the books, newspapers, magazines by pdf view. This library has a large number of Bengali and English e-book, e-magazine in collection.

## **ACKNOWLEDGEMENTS**

The success and final outcome of this project required a lot of guidance and assistance from many people and I am extremely privileged to have got this all along the completion of my project. All that I have done is only due to such supervision and assistance and I would not forget to thank them.

I respect and thank the honorable teacher Md. Toufikul Islam for providing me an opportunity to do the project work named Online Library management and giving me all support and guidance which made me complete the project duly. I am extremely thankful to him for providing such nice support and guidance, although he had a busy schedule managing the corporate affairs.

## Table of Contents

1.	Introduction .....	5
2.	Motivation .....	5
3.	Purpose and Objectives .....	5
	Purpose.....	5
	Objectives.....	5
	Goals.....	6
4.	Features .....	6
5.	Structure of the system .....	6
6.	Implementation .....	7
	Technologies.....	7
	Tools.....	7
7.	Limitations .....	7
8.	Future work .....	7
9.	Lesson learned.....	8
10.	Front- end design.....	8
11.	Conclusion.....	12
12.	Bibliography.....	12

## **1. Introduction**

Online Library management system is a project which aims in developing a computerized system to read daily book in library .This project has many features which are generally not available in normal library management systems like facility of user login. It also has a facility to see top-rated and reviewed books that users can read to books. It also has a facility of admin login through which the admin can monitor the whole system .It also has facility of an online notification board. Users get notification for update books and magazines. This type of website might be helpful to read book anywhere.

## **2. Motivation**

Many people in our country read books and there are some people who are very interested in reading books. There are many libraries in our country but there are very few people who read books and spend a lot of time there again. There are many who buy books and read books at home. Our website is based online. In this library, you can read books from anywhere on the Internet for a very small amount. New Bangla, English books can be read on this websites.

## **3. Purpose and Objectives**

### **3.1 Purpose**

Most people now have smart-phones. They always keep themselves busy through social media. But there are many people who spend time reading news papers, books online. Think about them and create our online website. They will come to our website and can read various Bengali English magazines for a very small amount.

### **3.2 Objectives**

- Instead of reading books in the library, you can easily read books at home.
- Time is less wasted.
- Read books from anywhere.
- Read the new book by registering for less money without having to worry about buying a book.

### 3.3 Goals

- Most people who spend time online through social media will come to this online library to read books and gain knowledge.
- Those who cannot read books due to financial problems can easily read books on this website for less money.
- Regular new book magazines come to our website that will help us gain new knowledge about the world.

### 4. Features

- This website is online based.
- You can easily access our website through the Internet.
- Top ratings Bengali, English books, magazines, newspapers can be found on our website.
- You will find books in different sections on this website.
- On the website you will find various books related to Bengali writers, English writers and Indian writers.

### 5. Structure of the system

The online library management system has mainly two types of users and each user have their own login sessions to perform certain task. The users are:-

- Administrator
- Consumer/Users

All these users have different login sessions and they can perform certain functions within the session.

#### Administrator

The main functions in admin session are:

- Add/Remove/Update Book Info
- Add/Remove/Update Writer Info
- Add/Remove/Update Magazine Info

#### Consumer/Users

- Shows the overall online library if you will be registered.

- Shows notification for different update books and magazines.

## **6. Implementation**

### **7.1 Technologies**

The Online Library Management System uses:

**HTML, CSS, JavaScript** as frontend.

### **7.2 Tools**

**7.2.1** XAMPP Server

**7.2.2** Sublime Text Editor

**7.2.3** Mozilla Firefox Web Browser

## **7. Limitations of this project**

There are some limitations in my project. The limitation of my project is

- The information is not fulfilled in this project; there are lacks of some information.
- The search option of this project is not good; obviously, this search system should be able to the entire database search.
- This project has a notification panel, but the notification panel cannot work. Because it's very hard to see a notification for this project.
- This project is not responsive.

## **8. Future work**

There is always scope for enhancements in any system, especially in the ever – changing world of computers and the software we created can also be improved. This is especially because we had to create it within a limited time. Some of our future works will be as follows:

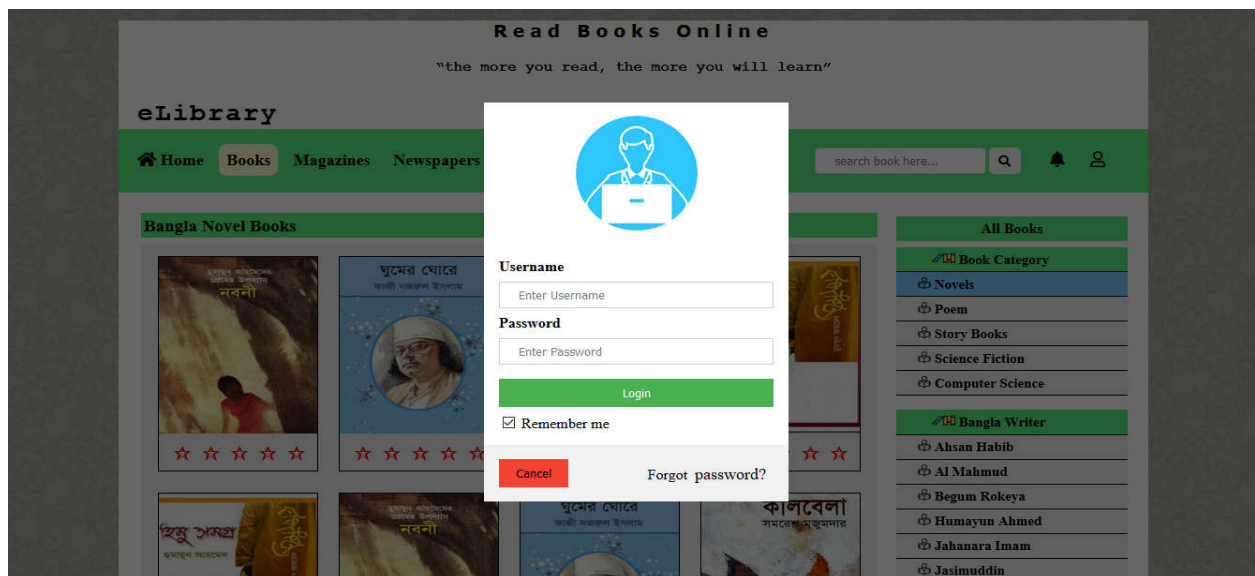
- To overcome the existing limitations.
- To enhance with the changed facility requirements.
- More facilities can be added to the system for its growth.
- The Fashion design System can also be modified according to the feature requirements, the advancement of the technology.
- This project (website) will be able to respond.

## 9. Lesson learned

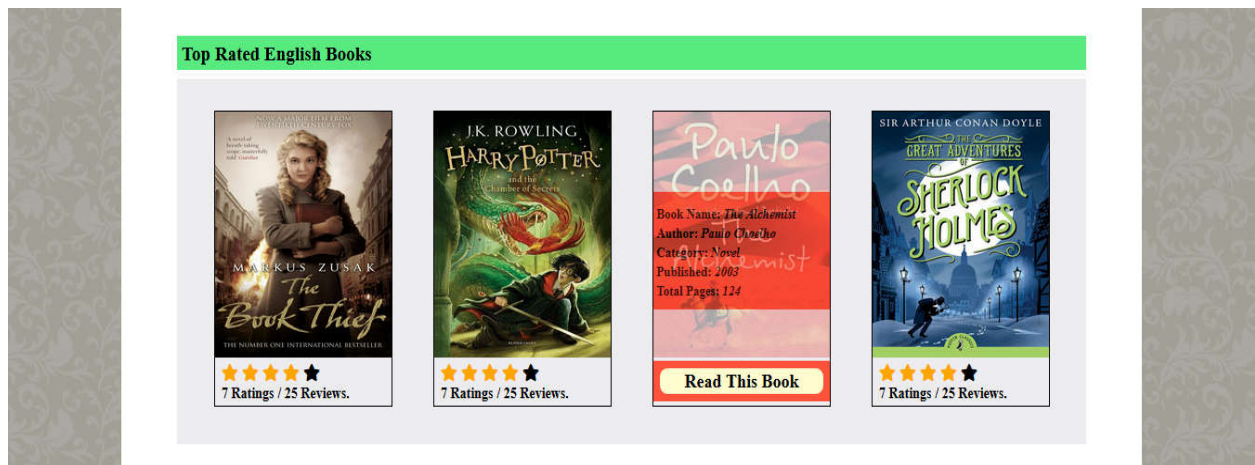
We were able to attain our set objectives, and this helped us gain confidence in writing our own code and our own applications. In addition, the use of serialization was an experimentation to cut down the time taken in designing. We also worked and gained some experience on how professional programmers work in the industry.

## 10. Develop System (Font-End Design)

### User Login:



### Hover-able Button with Description:





## Home page:

Read Books Online

"the more you read, the more you will learn"

eLibrary

Home


Books

Magazines


Newspapers

search book here...


Top Rated Bangla Books




8 Ratings / 255 Reviews.



7 Ratings / 25 Reviews.




7 Ratings / 25 Reviews.

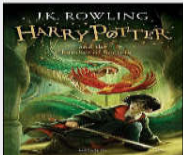


7 Ratings / 25 Reviews.

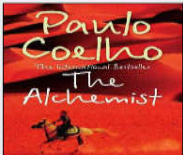
Top Rated English Books




7 Ratings / 25 Reviews.



7 Ratings / 25 Reviews.




7 Ratings / 25 Reviews.




7 Ratings / 25 Reviews.


Daily Bangla Magazine




7 Ratings / 25 Reviews.



7 Ratings / 25 Reviews.




7 Ratings / 25 Reviews.




7 Ratings / 25 Reviews.


Daily English Magazine




7 Ratings / 25 Reviews.



7 Ratings / 25 Reviews.



7 Ratings / 25 Reviews.



7 Ratings / 25 Reviews.

About Us

eLibrary is online Bangla and English books, magazines and newspapers reading library. You can read all books, newspapers, magazines by pdf view. We've got a large Bangla and English ebook, emagazine collection for all of you. Visit our site regularly to read your desire Bangla and English Books, Magazines and Newspapers.

Find Us

21 Revolution Street  
Paris, France

+1 555 123456

support@eLibrary.com

Connect with Us

Like us on Facebook  
(eLibrary)

Follow us on Twitter

Follow us on Instagram

9

## Books Page:

Read Books Online


"the more you read, the more you will learn"

eLibrary

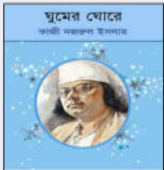
Home Books Magazines Newspapers

search book here...


Bangla Novel Books



★★★★★




★★★★★




★★★★★




★★★★★




★★★★★



★★★★★




★★★★★



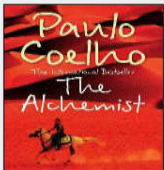
★★★★★

1 2 3 4


English Novel Books



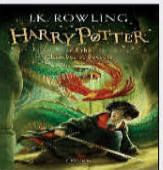
★★★★★




★★★★★




★★★★★



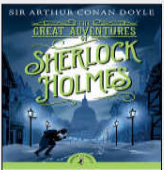
★★★★★



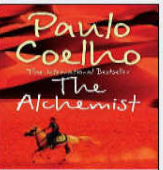
★★★★★



★★★★★



★★★★★



★★★★★

1 2 3 4

All Books

Book Category

Novels

Poem

Story Books

Science Fiction

Computer Science

Bangla Writer

Ahsan Habib

Al Mahmud

Begum Rokeya

Humayun Ahmed

Jahanara Imam

Jasimuddin

Kazi Nazrul Islam

M. Madhusudan Dutta

Muhammed Zafar Iqbal

Munier Choudhury

English Writer

Miguel de Cervantes

Charles Dickens

J.R.R. Tolkien

Antoine de Saint-Exupery

J.K. Rowling

Agatha Christie

Lewis Carroll

Paulo Coelho

Robert James Waller

Arthur Conan Doyle

Indian Writer

Rabindranath Tagore

Samaresh Basu

Samaresh Majumdar

Sukanta Bhattacharya

Sarat Chandra Chattopadhyay

About Us

eLibrary is online Bangla and English books, magazines and newspapers reading library. You can read all books, newspapers, magazines by pdf view. We've got a large Bengali and English ebook, emagazine collection for all of you. Visit our site regularly to read your desire Bangla and English Books, Magazines and Newspapers.

Find Us

21 Revolution Street  
Paris, France

+1 555 123456

support@eLibrary.com

Connect with Us

Like us on Facebook  
(eLibrary)

Follow us on Twitter

Follow us on Instagram

10



## Magazines Page:

Read Books Online

"the more you read, the more you will learn"

eLibrary

Home

Books

Magazines

Newspapers

search book here...

🔍

🔔

👤

Top Bangla Magazines Websites

Top English Magazines Websites

About Us

eLibrary is online Bangla and English books, magazines and newspapers reading library. You can read all books, newspapers, magazines by pdf view. We've got a large Bengali and English ebook, emagazine collection for all of you. Visit our site regularly to read your desire Bangla and English Books, Magazines and Newspapers.

Find Us

📍 21 Revolution Street  
Paris, France

☎ +1 555 123456

✉ support@eLibrary.com

Connect with Us

📘 Like us on Facebook  
(eLibrary)

🐦 Follow us on Twitter

📷 Follow us on Instagram

11

## **11. Conclusion**

It provides high security and a system that reduces the work and resources required in the traditional process. The proposed bootstrap system & some framework provide a new way of computing and displaying operations with responsive and attractive user-interface. Online Library Management System is customizable and is rated very satisfactory in terms of functionality, user-friendliness, usability, mobile-friendly and performance.

However, if I can overcome my limitation, this project will be grater website for any country to use this type of website.

## **12. References**

- [1] <https://www.w3schools.com>
- [2] <http://www.stackoverflow.com>
- [3] <http://www.youtube.com>
- [4] <http://www.quora.com>
- [5] <https://htmlcolorcodes.com/color-picker/>