Mini Project Report On

LIBRARY MANAGEMENT SYSTEM



SUBMITTED BY

Mr. Ashutosh Mishra Regd.No:17B91A05P4

Ms. Ansuha Kayastha Regd.No:17B91A05P3

Mr. Aashish Baral Regd.No:17B91A05P1

Mr. Bikash Rana Magar Regd.No:17B91A05P5

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.R.K.R. ENGINEERING COLLEGE CHINA AMIRAM,BHIMAVARAM

(2017-2021)

# ABSTRACT

The project titled Library Management System is personal library software for the purpose of monitoring and controlling the transactions in one’s own library.

Library Management System allows the user to store the book details and the student details. This project on the library management system gives us the complete information about the library and the daily transactions done in a Library. We need to maintain the record of books and retrieve the details of books available in the library which mainly focuses on basic operations in a library like adding new member, new books, movies and music, and update new information, searching books and members and facility to borrow and return books.

In this project we have developed a new approach in the library system which is able to transfer the facilities like login user, registration of new user, adding/removing of books, music or movies in the library, searching, issuing and returning of the books.

The user will find it easy in the automated system rather than using the manual writing system. The system contains a database where all the information will be stored safely.

## 1

## DATA REQUIREMENTS

ENTITIES

1 Books Details

1. Music Details

3 Movie Details

4 User Details

ATTRIBUTES

Books Details

1. Isbn Number
2. Title
3. Author
4. Category
5. Publisher
6. Status

Music Details

1. Music Code
2. Music Name
3. Genre
4. Language

Movie Details

1. Movie Number
2. Movie Name
3. Language
4. Category

User Details

1. UserId
2. UserName
3. Contact Number
4. Address

# ER DIAGRAM 2

Isbn

Title

Author

Category

Status

Publisher

Books Details

borrowed by

Upload

User Details Stores

Contact

|  |  |
| --- | --- |
| UserId  MusicName  Code | |
|  | MusicDetails |
|  |

Address

Lead Actor

UserName

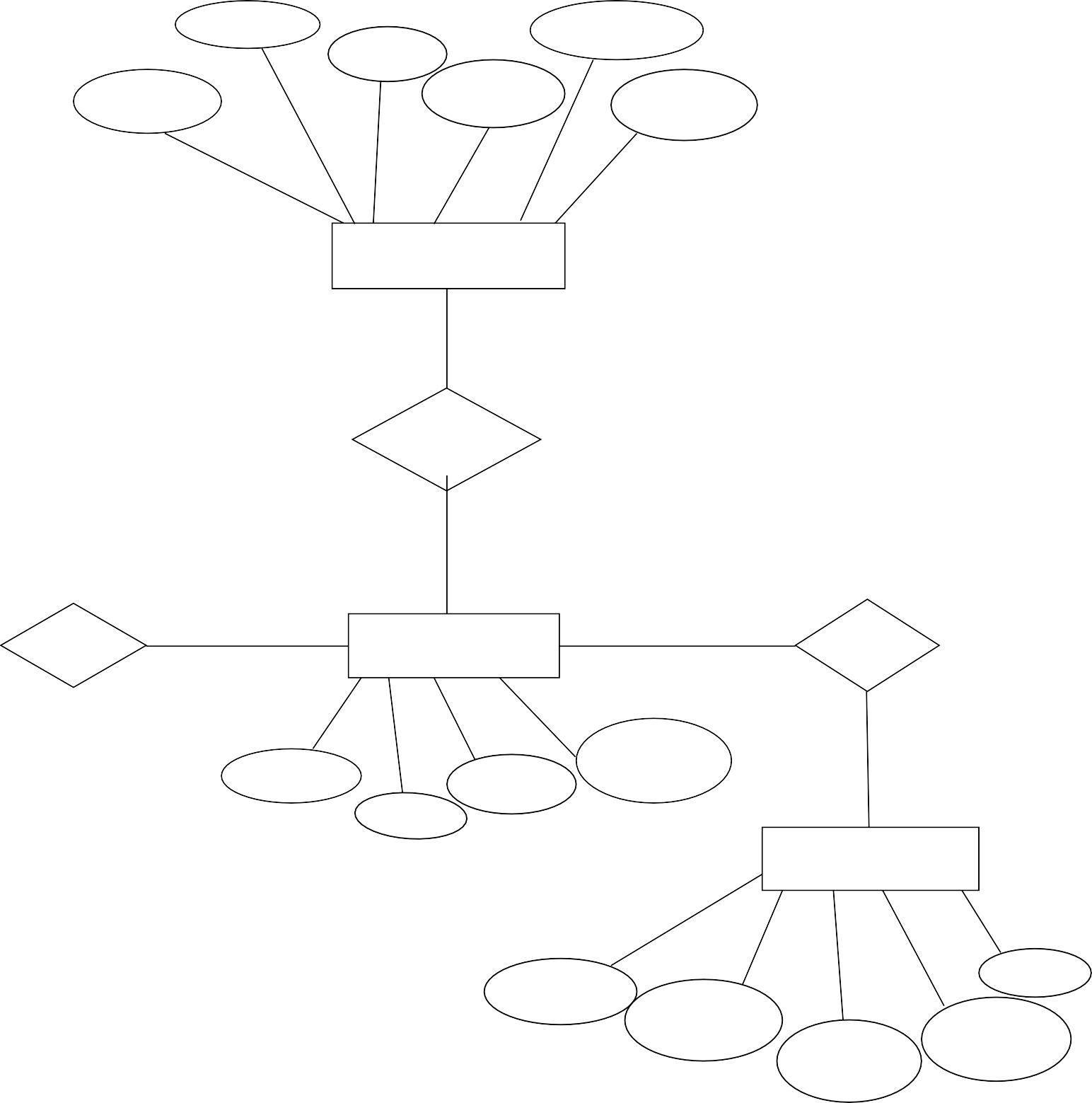
Language

### Movie Details

Category

Code

Movie name



Genre Type Musician

4

CREATION OF TABLES

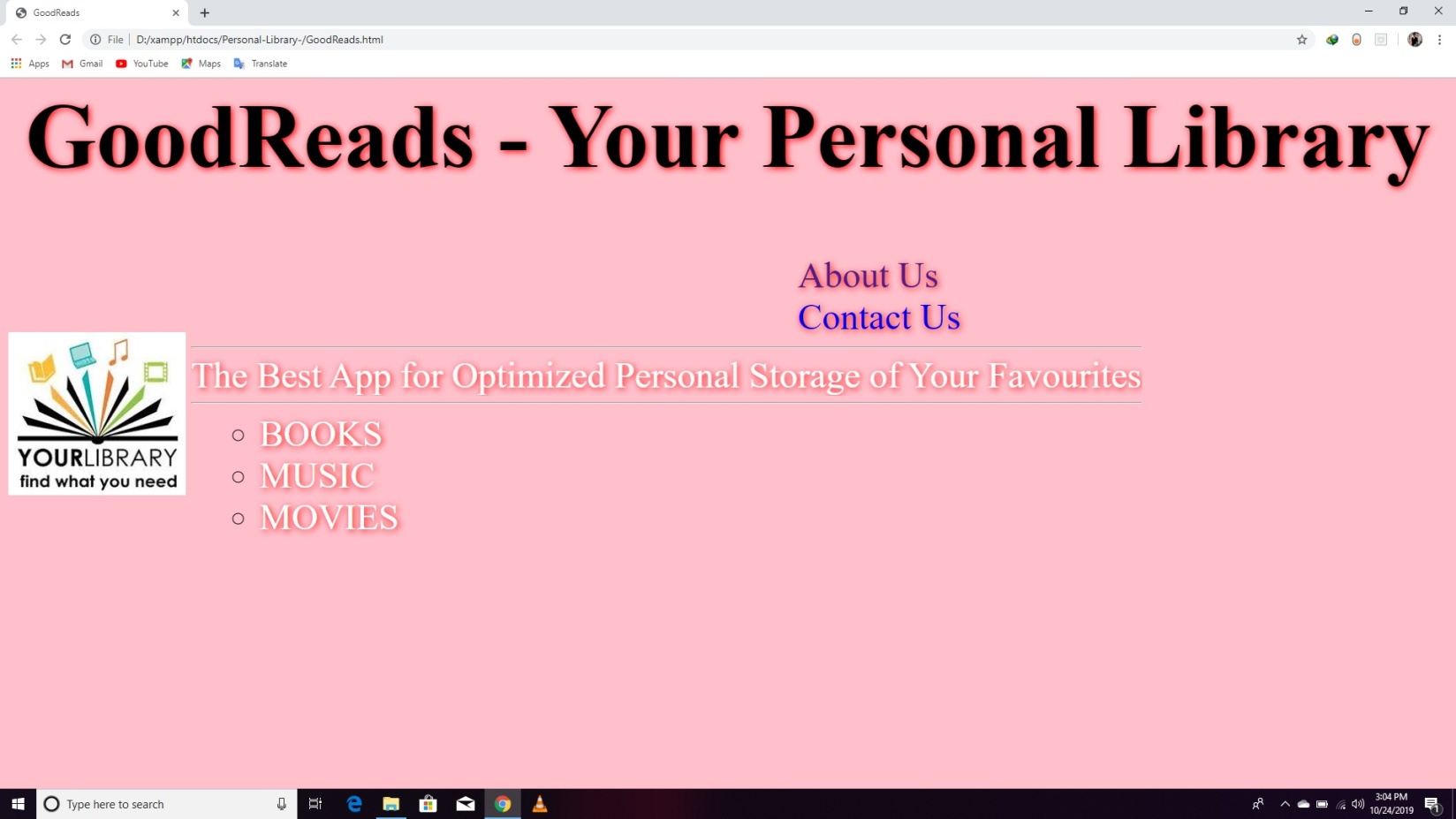
Create table BooksDetails(isbn number(10),title varchar2(10),author varchar2(10),category varchar2(10),status varchar2(10),publisher varchar2(10),primarykey(isbn);

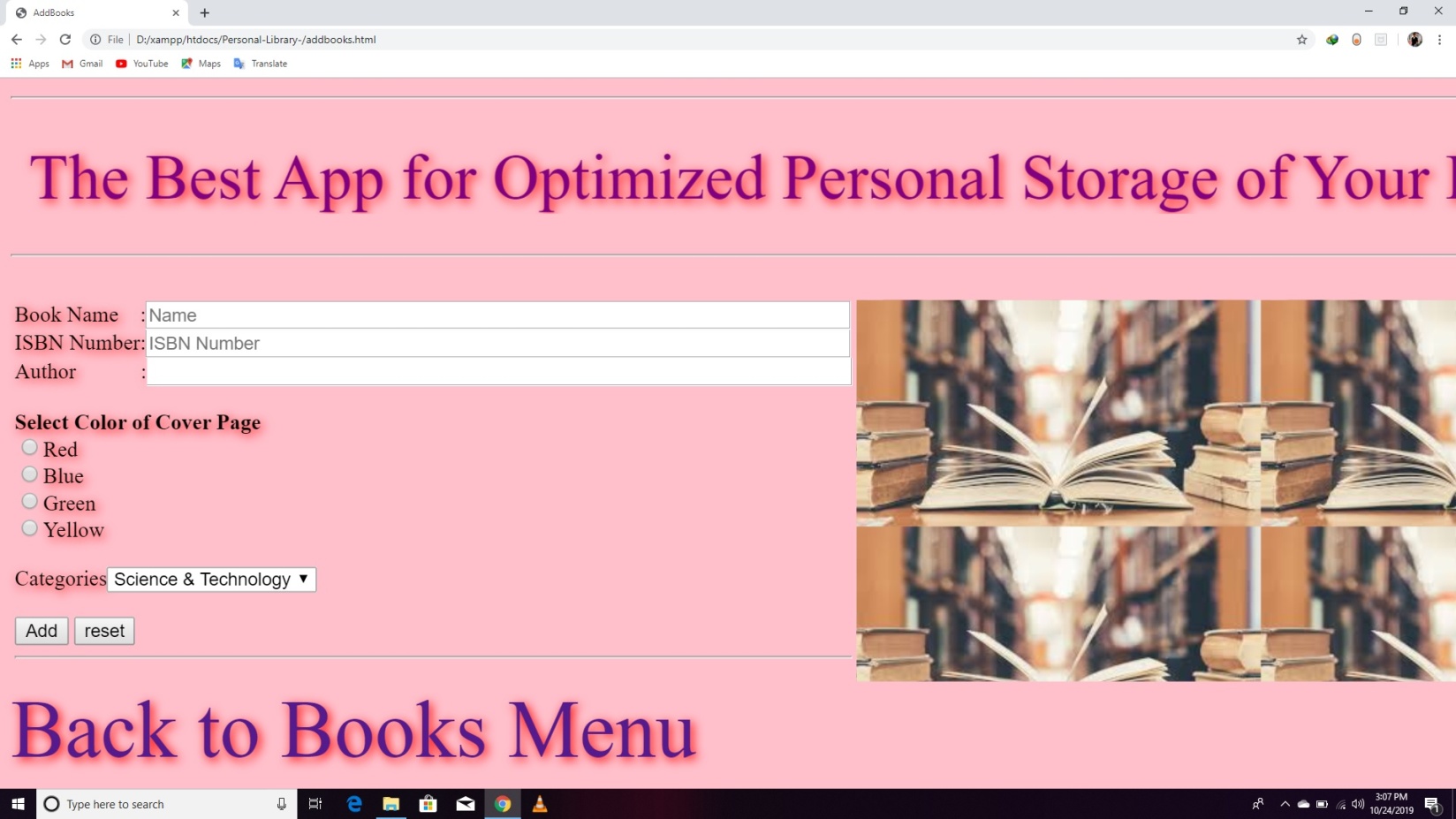
Create table UserDetails(Userid number(10),Username varchar2(10),Contact number(10),Address varchar2(20),primarykey(Userid));

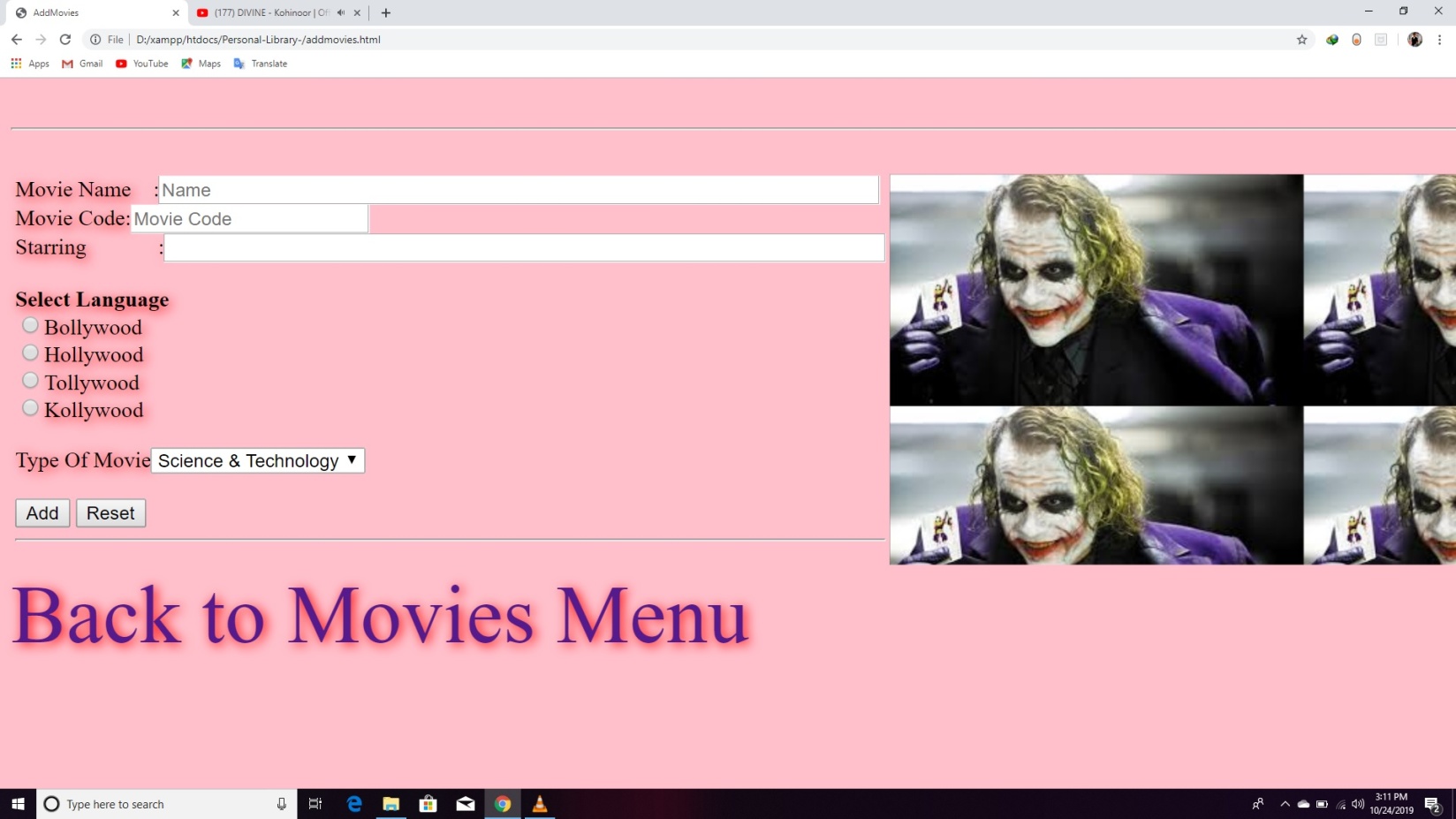
Create table MovieDetails(MovieCode number(10),MovieName varchar2(10),Category varchar2(10),UserId number(10),Actor varchar2(10),primarykey(MovieCode),foriegnkey(UserId)references UserDetails);

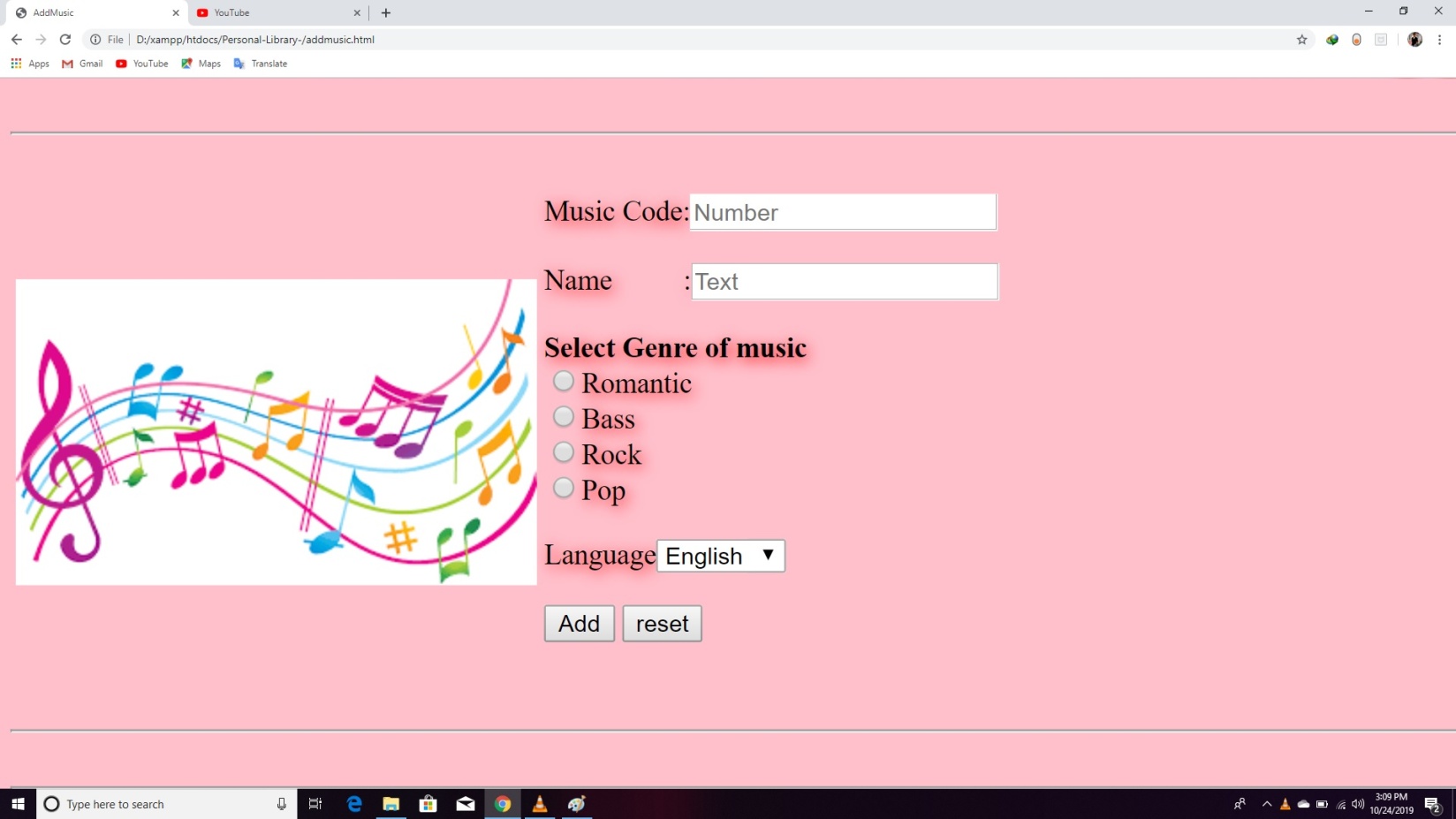
Create table MusicDetails(MusicCode number(10),Name varchar2(10),UserId number(10),Genre varchar2(10),Musician varchar2(10), primarykey(MovieCode),foriegnkey(UserId)references UserDetails);

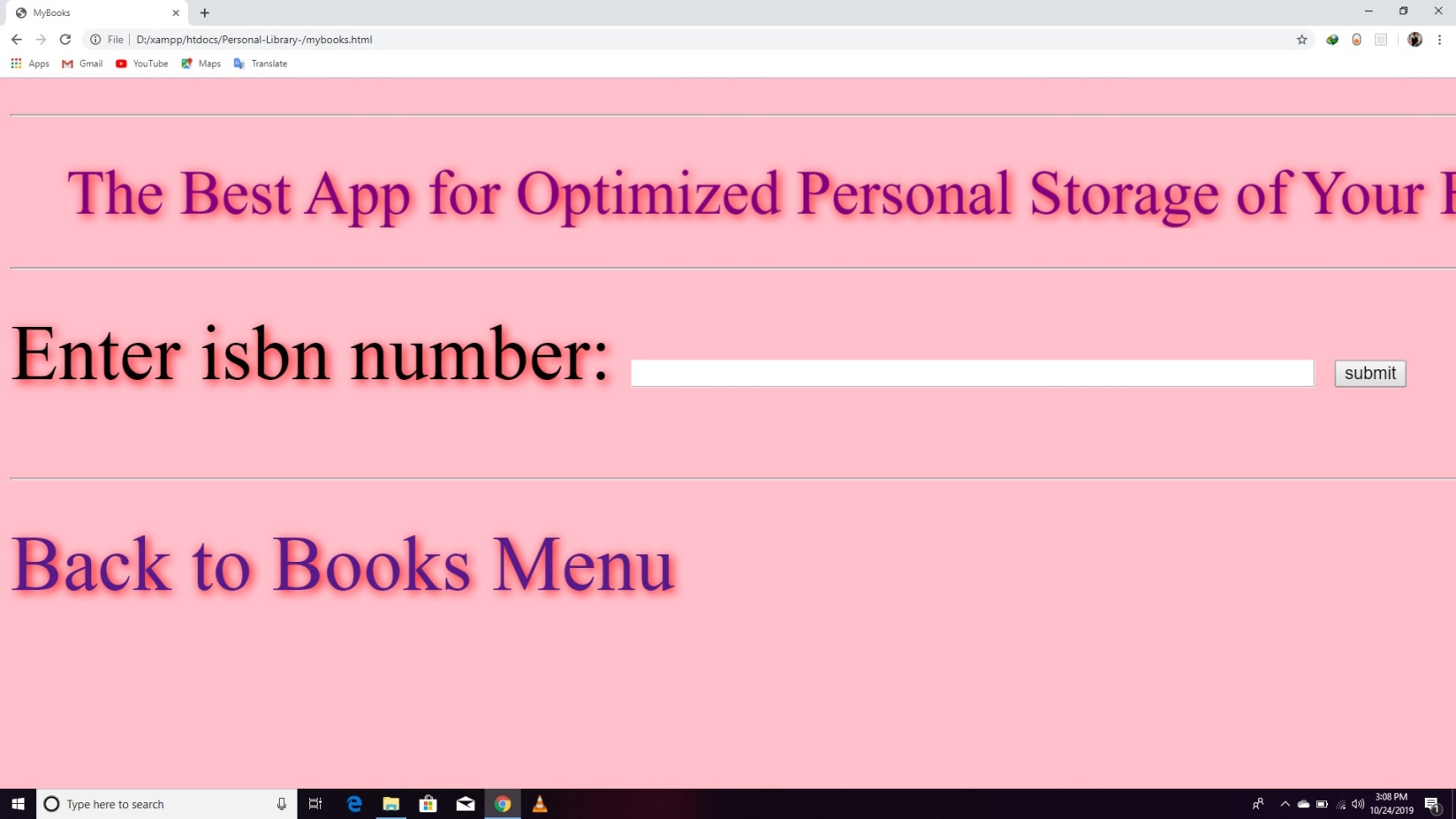
Screen Shots Of The Front End











DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

S.R.K.R ENGINEERING COLLEGE BHIMAVARAM



CERTIFICATE

This is to certify that it is a bonafide work on “Personal Library Management System” has been submitted mini-project by the mentioned students(details attached herewith) in **Database Management System** Labs during the academic year 2019-2020.

**In-Charges:**

**Mr. Ch. Raminaidu Assistant Professor CSE Department**

**S.R.K.R Engineering College**

Details of Students

1. Ashutosh Mishra 17B91A05P4
2. Anusha Kayastha 17B91A05P3
3. Aashish Baral 17B91A05P1
4. Bikash Rana Magar 17B91A05P5