**Book-Store Assignment**

**Book Page**

package com.mylibrary.ops;

public class Book {

private int bid; private String bname;

private String bauthor; private double bprice; private String bgenre; private String status;

public Book()

{

}

public Book(int bid, String bname, String bauthor, double bprice, String bgenre, String status)

{

super(); this.bid = bid;

this.bname = bname;

this.bauthor = bauthor; this.bprice = bprice; this.bgenre = bgenre; this.status = status;

}

public int getBid() {

return bid;

}

public void setBid(int bid) { this.bid = bid;

}

public String getBname() {

return bname;

}

public void setBname(String bname) { this.bname = bname;

}

public String getBauthor() { return bauthor;

}

public void setBauthor(String bauthor) { this.bauthor = bauthor;

}

public double getBprice() {

return bprice;

}

public void setBprice(double bprice) { this.bprice = bprice;

}

public String getBgenre() {

return bgenre;

}

public void setBgenre(String bgenre) { this.bgenre = bgenre;

}

public String getStatus() {

return status;

}

public void setStatus(String status) { this.status = status;

}

public String getIssueStatus()

{

if(this.status.equals("true"))

{

return "<a class=\"text-danger\" >Issued</a>";

}

else

{

return "<a href=\"issue?bid="+ this.bid +"\" class=\"text-

success\">Issue</a>";

}

}

public String getReturnStatus()

{

return "<a href=\"return?bid=" + this.bid + "\" class=\"text-danger\">Return</a>";

}

@Override

public String toString() {

return "Book [bid=" + bid + ", bname=" + bname + ", bauthor=" + bauthor + ", bprice=" + bprice + ", bgenre="

+ bgenre + ", status=" + status + "]";

}

}

## Student Page

package com.mylibrary.ops;

public class Student {

private int sid; private String name; private long contact; private String email;

private int age; private int sClass; private String address;

private String password;

public Student()

{

}

public Student(int sid, String name, long contact, String email, int age, int sClass, String address,

String password)

{

super(); this.sid = sid;

this.name = name; this.contact = contact; this.email = email; this.age = age; this.sClass = sClass; this.address = address;

this.password = password;

}

public int getSid() {

return sid;

}

public void setSid(int sid) {

this.sid = sid;

}

public String getName() {

return name;

}

public void setName(String name) { this.name = name;

}

public long getContact() {

return contact;

}

public void setContact(long contact) { this.contact = contact;

}

public String getEmail() {

return email;

}

public void setEmail(String email) { this.email = email;

}

public int getAge() {

return age;

}

public void setAge(int age) {

this.age = age;

}

public int getsClass() {

return sClass;

}

public void setsClass(int sClass) { this.sClass = sClass;

}

public String getAddress() { return address;

}

public void setAddress(String address) { this.address = address;

}

public String getPassword() { return password;

}

public void setPassword(String password) { this.password = password;

}

@Override

public String toString() {

return "Student [sid=" + sid + ", name=" + name + ", sClass=" + sClass + "]";

}

}

## Login Servlet Page

package com.mylibrary.ops;

import java.io.IOException;

import javax.servlet.ServletException; import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

import com.mylibrary.db.RetrieveStudent;

/\*\*

\* Servlet implementation class LoginServlet

\*/

public class LoginServlet extends HttpServlet { private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public LoginServlet() { super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

String email = request.getParameter("uemail"); String pass = request.getParameter("upass");

boolean status = RetrieveStudent.loginUser(email,pass);

if(status)

{

Student std = RetrieveStudent.getStudent(email); request.getServletContext().setAttribute("user", std); request.getRequestDispatcher("profile").forward(request, response);

}

else

{

response.sendRedirect("index");

}

}

}

## Log\_out Servlet

package com.mylibrary.ops;

import java.io.IOException;

import javax.servlet.ServletException; import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class LogoutServlet

\*/

public class LogoutServlet extends HttpServlet { private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public LogoutServlet() { super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

Object obj = request.getServletContext().getAttribute("user");

if(obj!=null)

{

request.getServletContext().removeAttribute("user"); response.sendRedirect("index");

}

else

{

response.sendRedirect("index");

}

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub doGet(request, response);

}

}

### Book\_page Servlet

package com.mylibrary.display;

import java.io.IOException; import java.io.PrintWriter; import java.util.ArrayList;

import javax.servlet.ServletException; import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

import com.mylibrary.db.RetrieveBook; import com.mylibrary.ops.Book;

/\*\*

\* Servlet implementation class BooksPage

\*/

public class BooksPage extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public BooksPage() { super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

PrintWriter out = response.getWriter(); response.setContentType("text/html");

Object obj = request.getServletContext().getAttribute("user"); if( obj!=null )

{

ArrayList<Book> books = RetrieveBook.getBooks();

request.getRequestDispatcher("header.html").include(request, response);

request.getRequestDispatcher("navigation.html").include(request,

response);

out.println("<div class=\"container-fluid row\" style=\"background-image: url('./images/books.jpg'); background-size: cover;\">\r\n" +

* <div class=\"container col-lg-12row\">\r\n" +
* <div class=\"jumbotron col-lg-12 mt-4\">\r\n" + " <form action=\"search\">\r\n" +
* <label for=\"search\">Check My

Book</label>\r\n" +

* <input type=\"text\" class=\"form-control\"

name=\"search\" id=\"search\">\r\n" +

* <input class=\"btn btn-primary mt-3\" type=\"submit\" value=\"search now\">\r\n" +

" </form>\r\n" +

" </div>\r\n" +

" </div>");

out.println("<div class=\"container\">\r\n" +

* <table class=\"table table-light\">\r\n" + " <thead>\r\n" +

" <tr>\r\n" +

" <th scope=\"col\">#</th>\r\n" +

* <th scope=\"col\">Book Name</th>\r\n" + " <th scope=\"col\">Book Author</th>\r\n" + " <th scope=\"col\">Price</th>\r\n" +
* <th scope=\"col\">Status</th>\r\n" +

" </tr>\r\n" +

* </thead>\r\n" +
* <tbody>"); for(int i = 0 ; i < books.size(); i++)

{

out.println("<tr>\r\n" +

" <th scope=\"row\">"+ (i+1)

+"</th>\r\n" +

" <td>"+

books.get(i).getBname()+"</td>\r\n" +

" <td>"+

books.get(i).getBauthor()+"</td>\r\n" +

" <td>"+

books.get(i).getBprice()+"</td>\r\n" +

" <td>"+

books.get(i).getIssueStatus()+"</td>\r\n" +

" </tr>");

}

out.println("</tbody>\r\n" +

* </table>\r\n" + " </div>\r\n" +

" </div>");

request.getRequestDispatcher("footer.html").include(request, response);

}

else

{

response.sendRedirect("index");

}

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub doGet(request, response);

}

}

### INDEX\_PAGE Servlet

package com.mylibrary.display;

import java.io.IOException;

import javax.servlet.ServletException; import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

/\*\*

\* IndexPage serlvet generates first page of mylibrary web application

\*/

public class IndexPage extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

request.getRequestDispatcher("header.html").include(request, response); request.getRequestDispatcher("home.html").include(request, response); request.getRequestDispatcher("footer.html").include(request, response);

}

}

### Profile Page Servlet

package com.mylibrary.display;

import java.io.IOException; import java.io.PrintWriter;

import javax.servlet.ServletException; import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

import com.mylibrary.ops.Student;

/\*\*

\* Servlet implementation class ProfilePage

\*/

public class ProfilePage extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public ProfilePage() { super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

Object obj = request.getServletContext().getAttribute("user"); response.setContentType("text/html");

PrintWriter out = response.getWriter();

if( obj!=null)

{

Student std = (Student) obj;

request.getRequestDispatcher("header.html").include(request, response);

request.getRequestDispatcher("navigation.html").include(request,

response);

out.println("<div class=\"container-fluid row p-4\" style=\"background- image: url('./images/profile.jpg'); background-size: cover; background-position: 0px;\">\r\n" +

* <div class=\"container col-lg-6\">\r\n" +
* <table class=\"table table-hover table-dark\">\r\n" + " <thead>\r\n" +

" <tr>\r\n" +

* <th scope=\"col\">Logs</th>\r\n" +
* <th scope=\"col\">Profile Details</th>\r\n" + " </tr>\r\n" +
* </thead>\r\n" +
* <tbody>\r\n" +

" <tr>\r\n" +

* <td>Profile Name</td>\r\n" +
* <td>" + std.getName() + "</td>\r\n" +

" </tr>\r\n" +

" <tr>\r\n" +

* <td>Contact</td>\r\n" +
* <td>" + std.getContact() + "</td>\r\n" +

" </tr>\r\n" +

" <tr>\r\n" +

* <td>Email Id</td>\r\n" +
* <td>" + std.getEmail() + "</td>\r\n" +

" </tr>\r\n" +

" <tr>\r\n" +

* <td>Student Id</td>\r\n" +

" <td>" + std.getSid() + "</td>\r\n" +

" </tr>\r\n" +

" <tr>\r\n" +

* <td>Age</td>\r\n" +

" <td>" + std.getAge() + "</td>\r\n" +

" </tr>\r\n" +

" <tr>\r\n" +

* <td>Address</td>\r\n" +
* <td>" + std.getAddress() + "</td>\r\n" +

" </tr>\r\n" +

* </tbody>\r\n" +
* </table>\r\n" + " </div>\r\n" +
* <div class=\"container col-lg-6\">\r\n" + " <div class=\"jumbotron\">\r\n" +
* <form action=\"search\">\r\n" +
* <label for=\"search\">Check My

Book</label>\r\n" +

* <input type=\"text\" class=\"form-control\"

name=\"search\" id=\"search\">\r\n" +

* <input class=\"btn btn-primary mt-3\" type=\"submit\" value=\"search now\">\r\n" +

" </form>\r\n" +

" </div>\r\n" +

" </div>\r\n" + " </div>");

request.getRequestDispatcher("footer.html").include(request, response);

}

else

{

response.sendRedirect("index");

}

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub doGet(request, response);

}

}

### Search Page Servlet

package com.mylibrary.display;

import java.io.IOException; import java.io.PrintWriter; import java.util.ArrayList;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

import com.mylibrary.db.RetrieveBook; import com.mylibrary.ops.Book;

/\*\*

\* Servlet implementation class SearchedPage

\*/

public class SearchedPage extends HttpServlet { private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public SearchedPage() { super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

PrintWriter out = response.getWriter(); response.setContentType("text/html");

String bname = request.getParameter("search");

Object obj = request.getServletContext().getAttribute("user"); if( obj!=null )

{

ArrayList<Book> books = RetrieveBook.getBook(bname);

request.getRequestDispatcher("header.html").include(request, response);

request.getRequestDispatcher("navigation.html").include(request,

response);

out.println("<div class=\"container-fluid row\" style=\"background-image: url('./images/books.jpg'); background-size: cover;\">\r\n" +

* <div class=\"container col-lg-12row\">\r\n" +
* <div class=\"jumbotron col-lg-12 mt-4\">\r\n" + " <form action=\"search\">\r\n" +
* <label for=\"search\">Check My

Book</label>\r\n" +

* <input type=\"text\" class=\"form-control\"

name=\"search\" id=\"search\">\r\n" +

* <input class=\"btn btn-primary mt-3\" type=\"submit\" value=\"search now\">\r\n" +

" </form>\r\n" +

" </div>\r\n" +

" </div>");

out.println("<div class=\"container\">\r\n" +

* <table class=\"table table-light\">\r\n" + " <thead>\r\n" +

" <tr>\r\n" +

" <th scope=\"col\">#</th>\r\n" +

* <th scope=\"col\">Book Name</th>\r\n" + " <th scope=\"col\">Book Author</th>\r\n" + " <th scope=\"col\">Price</th>\r\n" +
* <th scope=\"col\">Status</th>\r\n" +

" </tr>\r\n" +

* </thead>\r\n" +
* <tbody>");

if(!books.isEmpty())

{

for(int i = 0 ; i < books.size(); i++)

{

out.println("<tr>\r\n" +

" <th scope=\"row\">"+ (i+1)

+"</th>\r\n" +

" <td>"+

books.get(i).getBname()+"</td>\r\n" +

" <td>"+

books.get(i).getBauthor()+"</td>\r\n" +

" <td>"+

books.get(i).getBprice()+"</td>\r\n" +

" <td>"+

books.get(i).getIssueStatus()+"</td>\r\n" +

" </tr>");

}

}

else

{

out.println("<tr><td colspan=\"5\"> No match found </td></tr>");

}

out.println("</tbody>\r\n" +

* </table>\r\n" + " </div>\r\n" +

" </div>");

request.getRequestDispatcher("footer.html").include(request, response);

}

else

{

response.sendRedirect("index");

}

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub doGet(request, response);

}

}

### Return Page Servlet

package com.mylibrary.display;

import java.io.IOException; import java.io.PrintWriter; import java.util.ArrayList;

import javax.servlet.ServletException; import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

import com.mylibrary.db.ActivityLog; import com.mylibrary.db.RetrieveBook;

import com.mylibrary.db.UpdateBook; import com.mylibrary.ops.Activity; import com.mylibrary.ops.Book; import com.mylibrary.ops.Student;

/\*\*

\* Servlet implementation class ReturnPage

\*/

public class ReturnPage extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public ReturnPage() { super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

Object obj = request.getServletContext().getAttribute("user");

PrintWriter out = response.getWriter();

if(obj != null)

{

Student std = (Student) obj;

String bid = request.getParameter("bid");

if(bid!=null)

{

UpdateBook.returnBook(Integer.parseInt(bid)); ActivityLog.returnActivity(std.getSid(), Integer.parseInt(bid));

}

ArrayList<Activity> activities = ActivityLog.getReturnedLogs(std.getSid());

request.getRequestDispatcher("header.html").include(request, response);

request.getRequestDispatcher("navigation.html").include(request,

response);

out.println("<div class=\"container-fluid row\" style=\"background-image: url('./images/issue.jpg'); background-size: cover;\">\r\n" +

* <div class=\"container col-lg-12row\">\r\n" +
* <div class=\"jumbotron col-lg-12 mt-4 text-center

text-success\">\r\n" +

* <h3>Returned Books</h3>\r\n" +

" </div>\r\n" +

" </div>\r\n" + "\r\n" +

* <div class=\"container\">\r\n" +
* <table class=\"table table-light\">\r\n" + " <thead>\r\n" +

" <tr>\r\n" +

" <th scope=\"col\">#</th>\r\n" +

* <th scope=\"col\">Book Name</th>\r\n" + " <th scope=\"col\">Book Author</th>\r\n" + " <th scope=\"col\">Price</th>\r\n" +
* <th scope=\"col\">Date</th>\r\n" +

" </tr>\r\n" +

* </thead>\r\n" +
* <tbody>");

if(!activities.isEmpty())

{

for(int i = 0 ; i < activities.size(); i++)

{

Book book = RetrieveBook.getBook(activities.get(i).getBid()); out.println("<tr>\r\n" +

" <th scope=\"row\">"+ (i+1)

+"</th>\r\n" +

" <td>"+

book.getBname()+"</td>\r\n" +

" <td>"+

book.getBauthor()+"</td>\r\n" +

" <td>"+

book.getBprice()+"</td>\r\n" +

" <td>"+

activities.get(i).getDate()+"</td>\r\n" +

" </tr>");

}

}

else {

out.println("<tr><td colspan=\"5\"> NO ANY BOOK IS RETURNED

</td></tr>");

}

out.println("</tbody>\r\n" +

* </table>\r\n" + " </div>\r\n" +

" </div>");

request.getRequestDispatcher("footer.html").include(request, response);

}

else

{

response.sendRedirect("index");

}

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub doGet(request, response);

}

}

# DATA\_BASE(SQL)

**Activity DataBase**

package com.mylibrary.db;

import java.sql.Connection;

import java.sql.PreparedStatement; import java.sql.ResultSet;

import java.sql.SQLException; import java.util.ArrayList;

import com.mylibrary.ops.Activity; import com.mylibrary.ops.DateSupplier;

public class ActivityLog {

public static boolean insertActivity(int sid , int bid)

{

boolean status = false;

if(UpdateBook.issueBook(bid))

{

Connection con = ConnectionDb.getConnection(); PreparedStatement ptmt = null;

String query = " insert into activity "

+ " values(?,?,?,?,?) ";

try

{

ptmt = con.prepareStatement(query);

ptmt.setInt(1, getAid()+1); ptmt.setInt(2, sid); ptmt.setInt(3, bid);

ptmt.setDate(4, DateSupplier.getCurrentDate()); ptmt.setString(5, "issued");

int res = ptmt.executeUpdate();

if(res>0)

{

status = true;

}

}

catch (SQLException e)

{

e.printStackTrace();

}

finally

{

try

{

if(con!=null)

{

con.close();

}

if(ptmt!=null)

{

ptmt.close();

}

}

catch (SQLException e)

{

e.printStackTrace();

}

}

}

else

{

status = false;

}

return status;

}

public static ArrayList<Activity> getLogs(int sid)

{

ArrayList<Activity> activities = new ArrayList<Activity>();

Connection con = ConnectionDb.getConnection(); PreparedStatement ptmt = null;

ResultSet res = null; Activity activity = null;

String query = " select \* from activity "

+ " where sid = ? and status = 'issued' ";

try

{

ptmt = con.prepareStatement(query); ptmt.setInt(1, sid);

res = ptmt.executeQuery();

while(res.next())

{

activity = new Activity(res.getInt("aid"), res.getInt("sid"), res.getInt("bid"), res.getDate("date"), res.getString("status"));

activities.add(activity);

}

}

catch (SQLException e)

{

e.printStackTrace();

}

finally

{

try

{

if(con!=null)

{

con.close();

}

if(ptmt!=null)

{

ptmt.close();

}

if( res!=null)

{

res.close();

}

}

catch (SQLException e)

{

e.printStackTrace();

}

}

return activities;

}

public static int getAid()

{

Connection con = ConnectionDb.getConnection(); PreparedStatement ptmt = null;

ResultSet res = null; int aid = 100001;

String query = " select max(aid) "

+ " from activity ";

try

{

ptmt = con.prepareStatement(query);

res = ptmt.executeQuery();

while(res.next())

{

aid = res.getInt(1);

}

}

catch (SQLException e)

{

e.printStackTrace();

}

finally

{

try

{

if(con!=null)

{

con.close();

}

if(ptmt!=null)

{

ptmt.close();

}

if( res!=null)

{

res.close();

}

}

catch (SQLException e)

{

e.printStackTrace();

}

}

return aid;

}

public static ArrayList<Activity> getReturnedLogs( int sid)

{

ArrayList<Activity> activities = new ArrayList<Activity>();

Connection con = ConnectionDb.getConnection(); PreparedStatement ptmt = null;

ResultSet res = null; Activity activity = null;

String query = " select \* from activity "

+ " where sid = ? and status = 'returned' ";

try

{

ptmt = con.prepareStatement(query); ptmt.setInt(1, sid);

res = ptmt.executeQuery();

while(res.next())

{

activity = new Activity(res.getInt("aid"), res.getInt("sid"), res.getInt("bid"), res.getDate("date"), res.getString("status"));

activities.add(activity);

}

}

catch (SQLException e)

{

e.printStackTrace();

}

finally

{

try

{

if(con!=null)

{

con.close();

}

if(ptmt!=null)

{

ptmt.close();

}

if( res!=null)

{

res.close();

}

}

catch (SQLException e)

{

e.printStackTrace();

}

}

return activities;

}

public static boolean returnActivity(int sid , int bid)

{

Connection con = ConnectionDb.getConnection(); PreparedStatement ptmt = null;

boolean status = false;

String query = " update activity "

+ " set status = 'returned', date = ? "

+ " where sid = ? and bid = ? ";

try

{

ptmt = con.prepareStatement(query);

ptmt.setDate(1, DateSupplier.getCurrentDate()); ptmt.setInt(2, sid);

ptmt.setInt(3, bid);

int res = ptmt.executeUpdate();

if(res>0)

{

status = true;

}

}

catch (SQLException e)

{

e.printStackTrace();

}

finally

{

try

{

if(con!=null)

{

con.close();

}

if(ptmt!=null)

{

ptmt.close();

}

}

catch (SQLException e)

{

e.printStackTrace();

}

}

return status;

}

}

### Insert Student DataBase

package com.mylibrary.db;

import java.sql.Connection; import java.sql.DriverManager; import java.sql.SQLException;

import com.mysql.jdbc.Driver;

public class ConnectionDb {

public static Connection getConnection()

{

Connection con = null; try

{

Driver driverref = new Driver(); DriverManager.registerDriver(driverref);

String dburl = "jdbc:mysql://localhost:3306/library?user=root&password=root";

con = DriverManager.getConnection(dburl);

}

catch (SQLException e)

{

e.printStackTrace();

}

return con;

}

}

# Front\_End Book.html

<div class="container-fluid row" style="background-image: url('./images/books.jpg'); background- size: cover;">

<div class="container col-lg-12row">

<div class="jumbotron col-lg-12 mt-4">

<form action="">

<label for="search">Check My Book</label>

<input type="text" class="form-control" name="search" id="search">

<input class="btn btn-primary mt-3" type="submit" value="search now">

</form>

</div>

</div>

<div class="container">

<table class="table table-light">

<thead>

<tr>

<th scope="col">#</th>

<th scope="col">Book Name</th>

<th scope="col">Book Author</th>

<th scope="col">Price</th>

<th scope="col">Status</th>

</tr>

</thead>

<tbody>

<tr>

<th scope="row">1</th>

<td>The Big Sleep</td>

<td>Raymond Chandler</td>

<td>120.00</td>

<td><a href="" class="text-success">Issue</a></td>

</tr>

<tr>

<th scope="row">2</th>

<td>Frankenstein</td>

<td>Mary Shelley</td>

<td>213.00</td>

<td><a href="" class="text-success">Issue</a></td>

</tr>

<tr>

<th scope="row">3</th>

<td>Wuthering Heights</td>

<td>Emily Bront�</td>

<td>87.00</td>

<td><a href="" class="text-success">Issue</a></td>

</tr>

<tr>

<th scope="row">4</th>

<td>Lord of the Flies</td>

<td>William Golding</td>

<td>176.00</td>

<td><a class="text-danger">Issued</a></td>

</tr>

<tr>

<th scope="row">5</th>

<td>Jane Eyre</td>

<td>Charlotte Bronte</td>

<td>199.00</td>

<td><a href="" class="text-success">Issue</a></td>

</tr>

<tr>

<th scope="row">6</th>

<td>Beloved</td>

<td>Toni Morrison</td>

<td>99.00</td>

<td><a class="text-danger" >Issued</a></td>

</tr>

</tbody>

</table>

</div>

</div>

# Profile.html

<div class="container-fluid row p-4" style="background-image: url('./images/profile.jpg'); background-size: cover; background-position: 0px;">

<div class="container col-lg-6">

<table class="table table-hover table-dark">

<thead>

<tr>

<th scope="col">Logs</th>

<th scope="col">Profile Details</th>

</tr>

</thead>

<tbody>

<tr>

<td>Profile Name</td>

<td>Rahul Gavade</td>

</tr>

<tr>

<td>Contact</td>

<td>9823745732</td>

</tr>

<tr>

<td>Email Id</td>

<t[d>ga](mailto:gavaderahul93@gmail.com)v[aderahul93@gmail.com](mailto:gavaderahul93@gmail.com)</td>

</tr>

<tr>

<td>Student Id</td>

<td>1023020201</td>

</tr>

<tr>

<td>Age</td>

<td>20</td>

</tr>

<tr>

<td>Address</td>

<td>at post Akurdi , Pune</td>

</tr>

</tbody>

</table>

</div>

<div class="container col-lg-6">

<div class="jumbotron">

<form action="">

<label for="search">Check My Book</label>

<input type="text" class="form-control" name="search" id="search">

<input class="btn btn-primary mt-3" type="submit" value="search now">

</form>

</div>

</div>

</div>