



ADVANCE DATABASE MANAGEMENT SYSTEM

RAILWAY RESERVATION SYSTEM

SUBMITTED BY

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Mahatma Education Society's

Pillai College of Arts, Commerce & Science



(Autonomous)
Affiliated to University of Mumbai

NAAC Accredited 'A' grade (3 cycles) Best
College Award by University of Mumbai
ISO 9001:2015 Certified



CERTIFICATE

This is to certify that Mr. **Prasad Uttam Belote** of
T.Y B.Sc. C.S. Semester V has completed the project work in the Subject of
Advance Database Management System during the academic year
2022-23 under the guidance of Prof. **Shubhangi Pawar Mam** being the
partial requirement for the fulfillment of the curriculum of **Degree of**
Bachelor of Science in Computer Science, University of Mumbai.

Place:

Date:



Name & Signature of faculty





Name & Signature of external

Name & Signature of Co-ordinator

FUNCTION

Routines

☐ Check all  Export  Drop

	Name	Type	Returns	
<input type="checkbox"/>	login	FUNCTION	varchar(50)	 Edit  Execute  Export  Drop

Creation :

```
DELIMITER $$  
CREATE DEFINER=`root`@`localhost` FUNCTION `login`(`uemail` VARCHAR(50), `upassword`  
VARCHAR(300)) RETURNS varchar(50) CHARSET utf8mb4  
RETURN(IF((EXISTS(SELECT * FROM User WHERE email = uemail AND upassword = upassword))=1,  
(SELECT User.name FROM User WHERE User.email = uemail), "wrong"))$$  
DELIMITER ;
```

Edit

Details

Routine name

login

Type

FUNCTION

	Name	Type	Length/Value
↑	uemail	VARCHAR	50
↑	upassword	VARCHAR	300

Add parameter

Return type

VARCHAR

Return length/values

50



Return options




utf8mb4

1 RETURN(IF((EXISTS(SELECT * FROM User WHERE email = uemail AND upassword
FROM User WHERE User.email = uemail), "wrong"))

TRIGGERS

Triggers

☐ Check all  Export  Drop

	Name	Table	Time	Event	
<input type="checkbox"/>	log_trigger	bookedticket	AFTER	INSERT	 Edit  Export  Drop

Creation :

```
CREATE TRIGGER `log_trigger` AFTER INSERT ON `bookedticket`  
FOR EACH ROW INSERT INTO logtable VALUES('NULL',NEW.user_id,NOW())
```

Edit

Details

Trigger name

log_trigger

Table

bookedticket ▼

Time

AFTER ▼




















Event

INSERT ▼

Definition

1 INSERT INTO logtable VALUES('NULL',NEW.user_id,NOW())

STORE PROCEDURES

Routines 						
<input type="checkbox"/> Check all  Export  Drop						
	Name	Type	Returns			
<input type="checkbox"/>	DeleteTicket	PROCEDURE		 Edit	 Execute	 Export  Drop
<input type="checkbox"/>	Register	PROCEDURE		 Edit	 Execute	 Export  Drop
<input type="checkbox"/>	bookTicket	PROCEDURE		 Edit	 Execute	 Export  Drop
<input type="checkbox"/>	updateTicket	PROCEDURE		 Edit	 Execute	 Export  Drop

Register

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `Register`(IN `uname` VARCHAR(50), IN
`usirname` VARCHAR(50), IN `uemail` VARCHAR(50), IN `upass` VARCHAR(50))
insert into User values(NULL,uname,usirname,uemail,upass)$$
DELIMITER ;
```

Edit

Details

Routine name

Register

Type

PROCEDURE

Parameters

	Direction	Name	Type
↑	IN	uname	VARCHAR
↑	IN	usirname	VARCHAR
↑	IN	uemail	VARCHAR
↑	IN	upass	VARCHAR

Add parameter

1 insert into User values(NULL,uname,usirname,uemail,upass)

BookTicket

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `bookTicket`(IN `_email` VARCHAR(50), IN
`_Source` INT(50), IN `_Des` INT(50), IN `_Class` VARCHAR(50), IN `_Date` VARCHAR(50), IN
`_Return` VARCHAR(50))
insert into bookedTicket (`id`, `user_id`, `source_id`, `destination_id`, `class`,
`Date`, `Return`) values(NULL,(SELECT id from User where
email=_email),_Source,_Des,_Class,_Date,_Return)$$
DELIMITER ;
```

Edit

name

bookTicket

Type

PROCEDURE

Parameters

	Direction	Name	Type
↑	IN	_email	VARCHAR
↑	IN	_Source	INT
↑	IN	_Des	INT
↑	IN	_Class	VARCHAR
↑	IN	_Date	VARCHAR
↑	IN	_Return	VARCHAR

Add parameter

1

insert into bookedTicket (`id`, `user_id`, `source_id`, `destination_id`, `class`, `Date`, `Return`) values(NULL,(SELECT id from User where email=_email),_Source,_Des,_Class,_Date,_Return)

Go

Close

UpdateTicket

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `updateTicket`(IN `_ticket_id` INT, IN
`_Source` INT(50), IN `_Des` INT(50), IN `_Class` VARCHAR(50), IN `_Date` VARCHAR(50), IN
`_Return` VARCHAR(50))
UPDATE `bookedTicket` SET `destination_id` = _Des,source_id=_Source, `class` = _Class,
`Date` = _Date, `Return` = _Return WHERE `bookedTicket`.`id` = _ticket_id$$
DELIMITER ;
```

Edit

Routine name

updateTicket

Type

PROCEDURE

Parameters

	Direction	Name	Type	Le
↑	IN	_ticket_id	INT	
↑	IN	_Source	INT	5
↑	IN	_Des	INT	5
↑	IN	_Class	VARCHAR	5
↑	IN	_Date	VARCHAR	5
↑	IN	_Return	VARCHAR	5

Add parameter

1

UPDATE `bookedTicket` SET `destination_id` = _Des,source_id=_Source, `cla`
`bookedTicket`.`id` = ticket id

DeleteTicket

```
DELIMITER $$  
CREATE DEFINER=`root`@`localhost` PROCEDURE `DeleteTicket`(IN `ticketId` INT)  
DELETE FROM bookedTicket WHERE id=ticketId$$  
DELIMITER ;
```

Edit

Details

Routine name

DeleteTicket

Type

PROCEDURE

Parameters

Direction	Name	Type
IN	ticketId	INT

Add parameter

Definition

```
1 DELETE FROM bookedTicket WHERE id=ticketId
```

Signup.html

```
<html>
  <head>
    <title>SIGN UP</title>
    <style>
      body{
        margin: 0;
        padding: 0;
        font-family: sans-serif;
        background: url("Photos/LocalTrain.jpg");
        background-size: cover;
      }
      p{
        color: white;
        font-family: sans-serif;
        font-size: 14px;
      }
      a:visited{
        color: aqua;
      }
      .box{
        width: 300px;
        padding: 40px;
        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%,-50%);
        background: #191919;
        text-align: center;
        border-radius: 24px;
      }
      .box h1{
        color: white;
        font-size: 36px;
        font-weight: 700;
      }
      .box input[type = "text"],.box input[type = "password"]{
        border: 0;
        background: none;
        display: block;
        margin: 20px auto;
        text-align: center;
        border: 2px solid #23a7ff;
        padding: 14px 10px;
        width: 220px;
        outline: none;
        color: white;
        border-radius: 24px;
        transition: 0.25s;
```

```

        cursor: pointer;
    }

    .box input[type = "text"]:hover, .box input[type = "password"]:hover{
        width: 260px;
        border-color: aqua;
    }
    .box input[type = "text"]:focus, .box input[type = "password"]:focus{
        border-color: red;
    }

    .box .button{
        border: 0;
        background: none;
        display: block;
        margin: 20px auto;
        text-align: center;
        border: 2px solid #2ecc71;
        padding: 14px 40px;
        outline: none;
        color: white;
        border-radius: 24px;
        transition: 0.25s;
        cursor: pointer;
    }

    .box .button:hover{
        background: #2ecc71;
    }

</style>
</head>
<body>
    <form class="box" method="POST" action="signup.jsp">
        <h1>SIGN UP</h1>
        <input type="text" placeholder="Name" name="Name" required/>
        <input type="text" placeholder="Surname" name="Surname" required/>
        <input type="text" placeholder="Email" name="email" required/>
        <input type="text" placeholder="Password" name="Password" required/>
        <input type="submit" value="SIGN UP" class="button">
    </form>
</body>
</html>

```

Signup.jsp

```

<%--
    Document    : login
    Created on  : 14 Aug, 2022, 12:47:20 PM
    Author      : dell
--%>

```

```

<%@page import="java.sql.*" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%
    String name=request.getParameter("Name");
    String surname=request.getParameter("Surname");
    String email=request.getParameter("email");
    String pass=request.getParameter("Password");

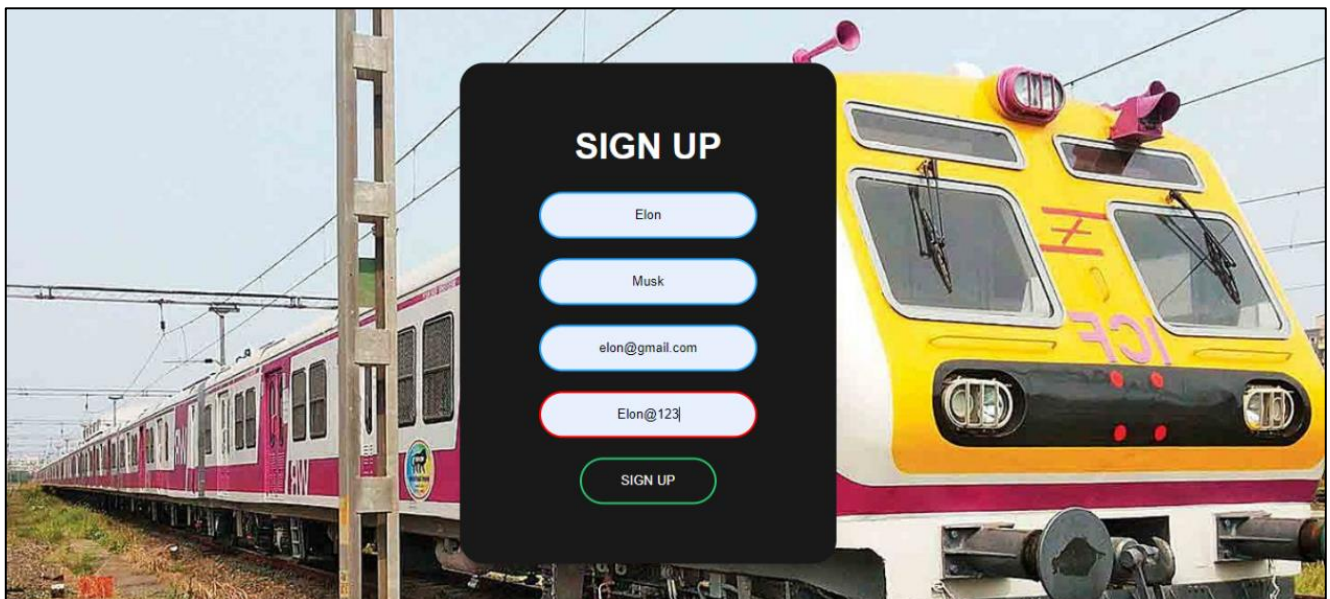
    try{
        Class.forName("com.mysql.jdbc.Driver");
        Connection
conn=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3307/rrs","root","");
        PreparedStatement ps=conn.prepareStatement("call Register(?,?,?,?)");
        ps.setString(1,name);
        ps.setString(2,surname);
        ps.setString(3,email);
        ps.setString(4,pass);

        int x=ps.executeUpdate();
        if(x!=0){
            out.print("Signup Successfull success!!");
            response.sendRedirect("login.html");
        }
        else{
            out.print("Something went wrong!");
        }
    }
    catch(Exception e){
        out.print(e);
    }

%>

```

Output :



login.html

```
<html>
  <head>
    <title>LOGIN</title>
    <style>
      body{
        margin: 0;
        padding: 0;
        font-family: sans-serif;
        background: url("Photos/LocalTrain.jpg");
        background-size: cover;
      }
      p{
        color: white;
        font-family: sans-serif;
        font-size: 14px;
      }
      a:visited{
        color: aqua;
      }
      .box{
        width: 300px;
        padding: 40px;
        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%,-50%);
        /* background:red;*/
        background:linear-gradient(to top,rgba(0,0,0,0.9)50%,rgba(0,0,0,0.9)50%);
        text-align: center;
        border-radius: 24px;
      }
      .box h1{
        color: white;
        font-size: 36px;
        font-weight: 700;
      }
      .box input[type = "text"],.box input[type = "password"]{
        border: 0;
        background: none;
        display: block;
        margin: 20px auto;
        text-align: center;
        border: 2px solid #23a7ff;
        padding: 14px 10px;
        width: 220px;
        outline: none;
        color: white;
        border-radius: 24px;
        transition: 0.25s;
        cursor: pointer;
      }
    </style>
  </head>
  <body>
    <div>
      <h1>
        LOGIN
      </h1>
      <div>
        <input type="text"/>
      </div>
      <div>
        <input type="password"/>
      </div>
      <div>
        <input type="button" value="Login"/>
      </div>
    </div>
  </body>
</html>
```

```

        .box input[type = "text"]:hover, .box input[type = "password"]:hover{
            width: 260px;
            border-color: aqua;
        }
        .box input[type = "text"]:focus, .box input[type = "password"]:focus{
            border-color: red;
        }

        .box .button{
            border: 0;
            background: none;
            display: block;
            margin: 20px auto;
            text-align: center;
            border: 2px solid #2ecc71;
            padding: 14px 40px;
            outline: none;
            color: white;
            border-radius: 24px;
            transition: 0.25s;
            cursor: pointer;
        }

        .box .button:hover{
            background: #2ecc71;
        }

    </style>
</head>
<body>
    <form class="box" method="POST" action="login.jsp">

        <h1>LOGIN</h1>
        <input type="text" name="GmailID" placeholder="Email Address" required/>
        <input type="text" name="Password" placeholder="Password" required/>
        <input type="submit" value="LOGIN" class="button">
        <p>Not have an account? <a href="signup.html">Create an account</a></p>
    </form>
</body>
</html>

```

login.jsp

```

<%--
    Document    : login
    Created on  : 14 Aug, 2022, 12:47:20 PM
    Author      : dell
--%>

<%--<%@page import="com.google.protobuf.Type"%>--%>
<%@page import="java.sql.*"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>

```

```

<%
String email = request.getParameter("GmailID");
String pass = request.getParameter("Password");
try {

    Class.forName("com.mysql.jdbc.Driver");
    Connection
conn=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3307/rrs","root","");

    String query = "Select * from User";

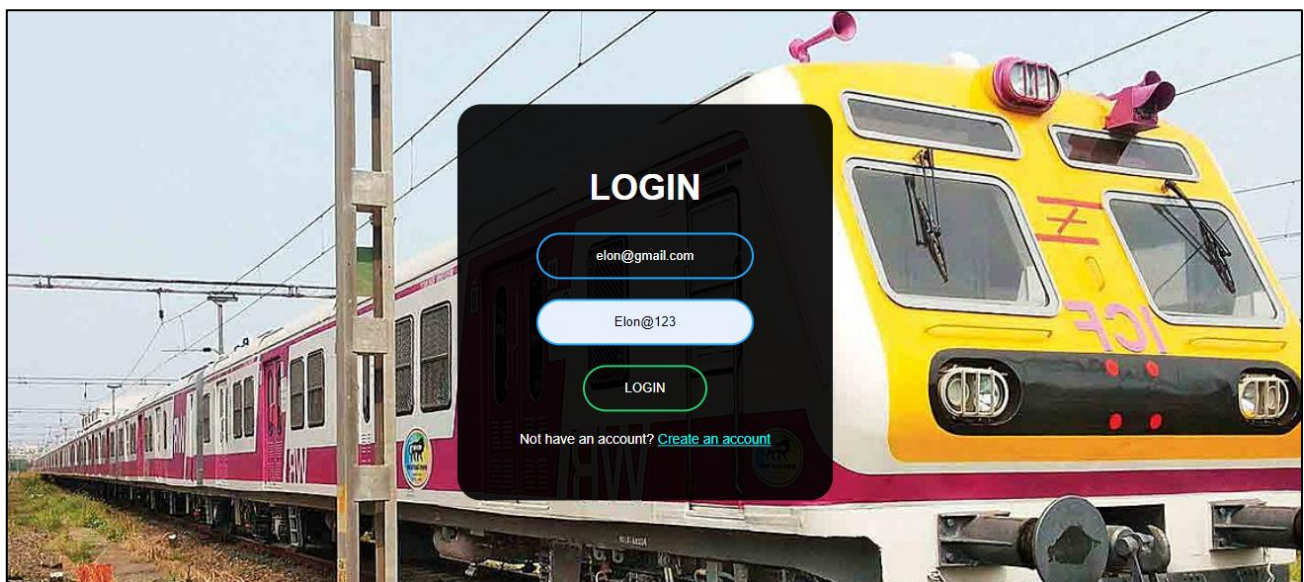
    CallableStatement cstmt = conn.prepareCall("{?= call login(?,?)}");
    cstmt.registerOutParameter(1, Types.VARCHAR);
    cstmt.setString(2, email);
    cstmt.setString(3, pass);
    cstmt.execute();

    out.println(cstmt.getString(1));
    if(!cstmt.getString(1).equals("wrong")){
        out.print("Login Sucess");
        session.setAttribute("email", email);
        session.setAttribute("name", cstmt.getString(1));
        response.sendRedirect("bookticket1.jsp");
    }else{
        out.print("Wrong Creds");
    }

} catch (Exception e) {
    e.printStackTrace();
    out.print(e.toString());
}
%>

```

Output :



Bookticket1.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@page import="java.sql.*"%>

<html>
    <head>
        <title>Railway Reservation System</title>
        <link rel="stylesheet" href="bookticket.css">
        <link href="https://fonts.googleapis.com/icon?family=Material+Icons"
rel="stylesheet">
    </head>
    <body>

        <header class="main-header">
            <a href="#" class="main-header-logo">BookMyTrain</a>
            <ul class="main-header-menu-items">
                <li class="main-header-menu-item"><a href="login.html">Home</a></li>
                <li class="main-header-menu-item"><a href="map.html">Map</a></li>
                <li class="main-header-menu-item"><a
href="https://www.easemytrip.com/deals.html">Offers</a></li>
                <li class="main-header-menu-item LogOut"><a href="login.html">Log
Out</a></li>
            </ul>
        </header>
<%

    Class.forName("com.mysql.jdbc.Driver");
    Connection
conn=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3307/rrs","root","");

    String query = "Select * from Station";
    PreparedStatement stmt = conn.prepareStatement(query);

    ResultSet rs = stmt.executeQuery();
%>

    <main class="main">
        <h1 class="RRS-user" name="Username"><%=session.getAttribute("name") %></h1>
        <div class="BookTicket-container">
            <form class="BookTicket-Box" method="POST" action="Bookticket.jsp">
                <h1 class="BookTicket-Box-Title">BOOK TICKET</h1>
                <input type="hidden" name="email"
value="<%=session.getAttribute("email")%>">
                <i class="material-icons">near_me</i>
                <select class="BookTicket-Box-Source" name="Source">
                    <%while(rs.next()){ %>
                        <option value="<%=rs.getInt("id")
%>"><%=rs.getString("station_name") %></option>
                    <%} %>
                </select>
                <select class="BookTicket-Box-Class" name="Class">
```



```

        <option value="FirstClass">First</option>
        <option value="SecondClass">Second</option>
    </select>
    <br>
    <div class="BookTicket-Box-Rotate_symbol">
        <span class="BookTicket-Box-Rotate_symbol-upward">&#8593;</span>
        <span class="BookTicket-Box-Rotate_symbol-downward">&#8595;</span>
    </div>
    <br>
    <br>
    <i class="material-icons">place</i>
    <select class="BookTicket-Box-Destination" name="Destination">
        <% rs = stmt.executeQuery();
        while(rs.next()){ %>
            <option value="<%=rs.getString("id")
%>"><%=rs.getString("station_name") %></option>
            <%} %>

        </select>
    <input type="date" class="BookTicket-Box-Date" name="Date"
required><br>

    <br><br>
    <div class="BookTicket-Box-Return">
        <label class="BookTicket-Box-Return-label">RETURN<b>:</b></label>
        <span class="BookTicket-Box-Return-Radio-Yes">YES<input
type="radio" class="BookTicket-Box-Return-Radio-Yes-Radio" id="Yes" name="return"
value="Yes"></span>
        <span class="BookTicket-Box-Return-Radio-No">NO<input type="radio"
class="BookTicket-Box-Return-Radio-No-Radio" id="No" name="return" value="No"
checked="checked"></span>
    </div>

    <input type="Submit" class="BookTicket-Box-BTN" value="BOOK TICKET">
    </form>
</div>
</main>

<footer></footer>

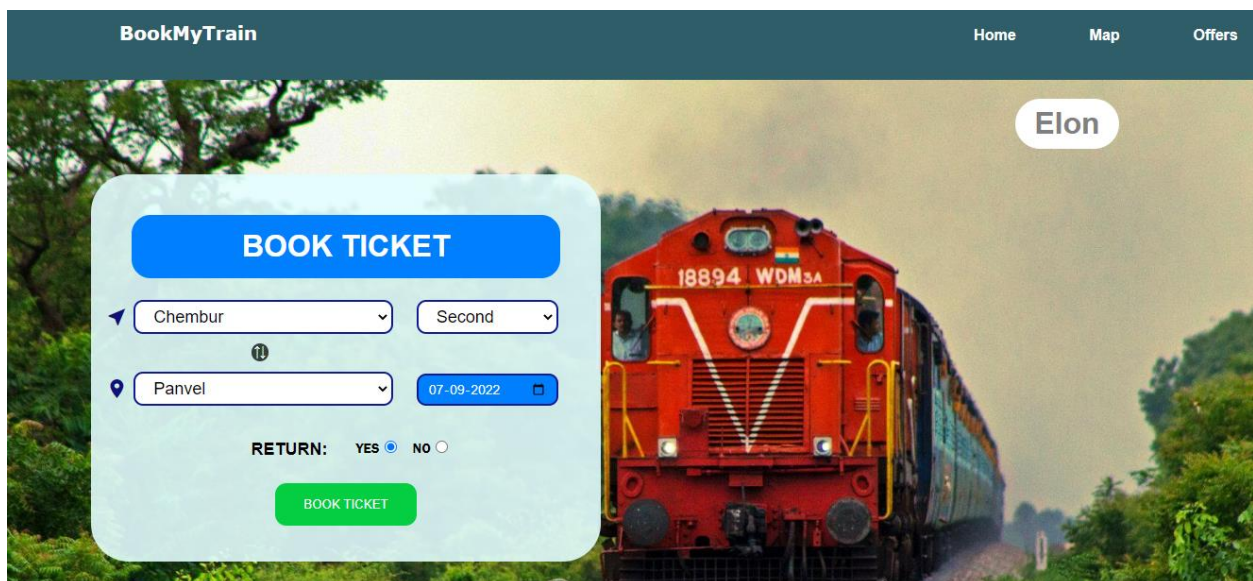
</body>
</html>

```

Bookticket2.jsp

```
<%@page import="java.sql.*" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%
    String email=request.getParameter("email");
    String Source=request.getParameter("Source");
    String Destination=request.getParameter("Destination");
    String Class=request.getParameter("Class");
    String Date=request.getParameter("Date");
    String Return=request.getParameter("return");
    try{
        Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3307/rrs","root","");
        PreparedStatement ps=conn.prepareStatement("call bookTicket(?,?,?,?,?,?,?)");
        ps.setString(1,email);
        ps.setString(2,Source);
        ps.setString(3,Destination);
        ps.setString(4,Class);
        ps.setString(5,Date);
        ps.setString(6,Return);
        int x=ps.executeUpdate();
        if(x!=0){
            out.print("Ticket Booked Sucessfully");
            response.sendRedirect("ShowTicket.jsp");
        }
        else{
            out.print("Something went wrong!");
        }
    }
    catch(Exception e){
        out.print(e);
    }
%>
```

Output :



The screenshot displays the 'BookMyTrain' website interface. At the top, there is a navigation bar with 'Home', 'Map', and 'Offers' links. The main header features a large image of a red train (number 18894 WDM3A) traveling through a green landscape. In the top right corner of the header, the word 'Elon' is displayed in a white rounded rectangle. Overlaid on the left side of the header is a white 'BOOK TICKET' form. The form includes a blue 'BOOK TICKET' button at the top. Below it, there are two dropdown menus: the first is set to 'Chembur' and the second to 'Second'. A location pin icon is visible between the two dropdowns. The third dropdown is set to 'Panvel'. To the right of the third dropdown is a date field showing '07-09-2022' with a calendar icon. Below these fields, there is a 'RETURN:' section with 'YES' selected (indicated by a blue dot) and 'NO' (indicated by an empty circle). At the bottom of the form is a green 'BOOK TICKET' button.

showticket.jsp

```
<%@page import="java.sql.*"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>

<%
    try {

        Class.forName("com.mysql.jdbc.Driver");
        Connection conn = DriverManager.getConnection("jdbc:mysql://127.0.0.1:3307/rrs",
"root", "");
        Statement stmt = conn.createStatement();
        String Query = "SELECT *,bookedTicket.id as ticketId,Des.station_name as
Destination ,sour.station_name as Source FROM bookedTicket JOIN User U ON U.id =
bookedTicket.user_id JOIN Station Des ON Des.id = bookedTicket.destination_id JOIN Station
sour ON sour.id = bookedTicket.source_id WHERE U.email = '"
            + session.getAttribute("email") + "'";
        ResultSet rs = stmt.executeQuery(Query);
    }
%>

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta name="viewport"
            content="width=device-width, initial-scale=1, shrink-to-fit=no">
        <title>Show Ticket</title>
        <link rel="stylesheet"
            href="https://fonts.googleapis.com/css?family=Roboto|Varela+Round|Open+Sans"
        >
        <link rel="stylesheet"
            href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.c
ss">
        <link rel="stylesheet"
            href="https://fonts.googleapis.com/icon?family=Material+Icons">
        <link rel="stylesheet"
            href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css">
        <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
        <script
            src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"></scrip
t>
        <script
            src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></scr
ipt>
        <style>
            body {
                color: #404E67;
                background: #F5F7FA;
                font-family: 'Open Sans', sans-serif;
            }

            .table-wrapper {
                width: 1000px;
```

```
    margin: 30px auto;
    background: #fff;
    padding: 20px;
    box-shadow: 0 1px 1px rgba(0, 0, 0, .05);
}

.table-title {
    padding-bottom: 10px;
    margin: 0 0 10px;
}

.table-title h2 {
    margin: 6px 0 0;
    font-size: 22px;
}

.table-title .add-new {
    float: right;
    height: 30px;
    font-weight: bold;
    font-size: 12px;
    text-shadow: none;
    min-width: 100px;
    border-radius: 50px;
    line-height: 13px;
}

.table-title .add-new i {
    margin-right: 4px;
}

table.table {
    table-layout: fixed;
}

table.table tr th, table.table tr td {
    border-color: #e9e9e9;
}

table.table th i {
    font-size: 13px;
    margin: 0 5px;
    cursor: pointer;
}

table.table th:last-child {
    width: 100px;
}

table.table td a {
    cursor: pointer;
    display: inline-block;
    margin: 0 5px;
    min-width: 24px;
```

```

}

table.table td a.add {
    color: #27C46B;
}

table.table td a.edit {
    color: #FFC107;
}

table.table td a.delete {
    color: #E34724;
}

table.table td i {
    font-size: 19px;
}

table.table td a.add i {
    font-size: 24px;
    margin-right: -1px;
    position: relative;
    top: 3px;
}

table.table .form-control {
    height: 32px;
    line-height: 32px;
    box-shadow: none;
    border-radius: 2px;
}

table.table .form-control.error {
    border-color: #f50000;
}

table.table td .add {
    display: none;
}
</style>
</head>
<body>
<div class="container-lg">
<div class="table-responsive">
<div class="table-wrapper">
<div class="table-title">
<div class="row">
<div class="col-sm-8">
<h2>
Ticket<b>Details</b>
</h2>
</div>
<div class="col-sm-4">
<a type="button" href="bookticket1.jsp"

```

```

class="btn btn-info add-new"> <i class="fa fa-
plus"></i>

book Another
</a>
</div>
</div>
</div>
<table class="table table-bordered">
<thead>
<tr>
<th>Name</th>
<th>Source</th>
<th>Department</th>
<th>Class</th>
<th>Date</th>
<th>Return</th>

</tr>
</thead>
<tbody>
<%
while (rs.next()) {
%>
<tr>
<td><%=rs.getString("name")%></td>
<td><%=rs.getString("Source")%></td>
<td><%=rs.getString("Destination")%></td>
<td><%=rs.getString("class")%></td>
<td><%=rs.getString("Date")%></td>
<td><%=rs.getString("Return")%></td>
<td><a href="edit_ticket.jsp?id=" class="add" title="Add"
data-toggle="tooltip"><i class="material-
icons">&#xE03B;</i></a>

<a
href="edit_ticket.jsp?id=<%=rs.getInt("ticketId")%>" class="edit" title="Edit" data-
toggle="tooltip"><i
class="material-icons">&#xE254;</i></a>

<a
href="delete_ticket.jsp?id=<%=rs.getInt("ticketId")%>" class="delete" title="Delete" data-
toggle="tooltip"><i
class="material-icons">&#xE872;</i></a></td>

</tr>
<%}%>

</tbody>
</table>
</div>
</div>
</div>
</body>
</html>



```

```
<%
    } catch (Exception e) {
        e.printStackTrace();
    }
%>
```

Output :

TicketDetails

+ book Another

Name	Source	Department	Class	Date	Return	
Elon	Chembur	Panvel	SecondClass	2022-09-07	Yes	 

Edit_ticket.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@page import="java.sql.*"%>

<html>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<link rel="stylesheet"
    href="https://fonts.googleapis.com/css?family=Roboto|Varela+Round|Open+Sans">
<link rel="stylesheet"
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
<link rel="stylesheet"
    href="https://fonts.googleapis.com/icon?family=Material+Icons">
<link rel="stylesheet"
    href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
<script
    src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"></script>
<script
    src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>
</head>
<body>
</head>
<body>
    <style>
* {
```

```
margin: 0;
padding: 0;
font-family: sans-serif;
}

.main-header {
  display: flex;
  background: #0a414ed8;
}

.main-header-menu-items {
  display: flex;
  list-style: none;
  margin-left: 100px;
}

.main-header-logo {
  padding: 7px 10px;
  margin: 7px 10px;
  margin-right: 610px;
  margin-left: 120px;
  font-weight: bold;
  font-family: verdana;
  font-size: 20px;
  color: white;
  text-decoration: none;
  cursor: pointer;
}

.main-header-menu-item {
  padding: 10px;
  margin: 10px;
  color: white;
}

.main-header-menu-items li a {
  text-decoration: none;
  border: 2px solid None;
  color: white;
  text-decoration: none;
  cursor: pointer;
  padding: 15px 19px;
  transition: 0.1s linear;
  font-weight: bold;
}

.main-header-menu-items .LogOut a {
  background: None;
  border: 2px solid #19ff12;
  text-decoration: none;
  color: white;
  cursor: pointer;
  padding: 10px 15px;
  transition: 0.1s linear;
```



```
    font-weight: bold;
    border-radius: 20px;
}

.main-header-menu-items li a:hover {
    border-color: red;
    background: red;
}

.main-header-menu-items .LogOut a:hover {
    background: linear-gradient(216deg, #9bffdada, #0dffa1);
}

.main {
    background: url("Photos/LocalTrain.jpg");
    background-size: cover;
    height: 100%;
}

.RRS-user {
    margin-top: 20px;
    margin-left: 80%;
    position: absolute;
    background: white;
    border-radius: 30px;
    padding: 8px 20px;
    color: grey;
}

.BookTicket-box {
    position: absolute;
    margin-top: 100px;
    margin-left: 100px;
    background: rgba(227, 254, 255, 0.897);
    padding: 20px 20px;
    width: 500px;
    height: 370px;
    border-radius: 40px;
}

.BookTicket-container {
    margin: 0px;
    text-align: center;
}

.BookTicket-box-Title {
    margin: 23px;
    padding: 15px 5px;
    background: #0080ff;
    border-radius: 20px;
    color: #fff;
}

.BookTicket-Box-Source, .BookTicket-Box-Destination {
```

```
width: 55%;
border: 2px solid #121a91;
border-radius: 10px;
padding: 5px 15px;
font-size: 18px;
cursor: pointer;
background-color: #fff;
}

.BookTicket-Box-Rotate_symbol {
background: rgb(53, 63, 61);
padding: 2px;
margin-top: 10px;
margin-left: 150px;
margin-bottom: -25;
cursor: pointer;
font-weight: bold;
width: 14px;
height: 15px;
border-radius: 50px;
color: white;
}

.BookTicket-Box-Rotate_symbol:hover {
background: black;
}

.BookTicket-Box-Rotate_symbol-upward {
position: absolute;
margin-top: -3px;
margin-left: -7px;
}

.BookTicket-Box-Rotate_symbol-downward {
position: absolute;
margin-top: -3px;
margin-left: -1px;
}

.BookTicket-Box-Source:hover, .BookTicket-Box-Destination:hover,
.BookTicket-Box-Class:hover, .BookTicket-Box-Date:hover {
border: 2px solid red;
}

.BookTicket-Box-Class, .BookTicket-Box-Date {
width: 30%;
margin-left: 20px;
border: 2px solid #121a91;
border-radius: 10px;
padding: 5px 15px;
font-size: 18px;
cursor: pointer;
background-color: #fff;
}
```

```
input[type="date"] {
  background-color: #0080ff;
  font-family: sans-serif;
  color: #fff;
  outline: none;
  padding: 6px 10px;
  font-size: 14px;
}

.material-icons {
  position: absolute;
  margin-top: 6px;
  margin-left: -30px;
  color: rgb(16, 18, 121);
}

.BookTicket-Box-Return-label {
  padding: 20px;
  font-family: sans-serif;
  font-weight: bold;
  font-size: 18px;
}

.BookTicket-Box-Return {
  text-align: center;
  font-size: 15px;
  margin-left: -120px;
}

.BookTicket-Box-Return-Radio-Yes {
  padding: 10px;
  position: absolute;
  margin-top: -10px;
  font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
}

.BookTicket-Box-Return-Radio-No {
  padding: 10px;
  position: absolute;
  margin-top: -10px;
  margin-left: 60px;
  font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
}

.BookTicket-Box-Return-Radio-Yes-Radio,
.BookTicket-Box-Return-Radio-No-Radio {
  margin-left: 5px;
  cursor: pointer;
}

.BookTicket-Box-BTN {
  margin-top: 25px;
  width: 150px;
}
```

```

border: none;
background: #06ce42;
padding: 15px;
border-radius: 12px;
color: white;
transition: 0.2s ease-in;
cursor: pointer;
}

.BookTicket-Box-BTN:hover {
    background: #04a50c;
}
</style>

<%
Class.forName("com.mysql.jdbc.Driver");
Connection conn = DriverManager.getConnection("jdbc:mysql://127.0.0.1:3307/rrs",
"root", "");

String query = "Select * from Station";
PreparedStatement stmt = conn.prepareStatement(query);

ResultSet rs = stmt.executeQuery();
%>

<main class="main">
    <h1 class="RRS-user" name="Username">
        <?php echo $Name . " " . $Surname;?>
    </h1>
    <div class="BookTicket-container">
        <form class="BookTicket-Box" method="POST"
action="edit_ticket_backend.jsp?id=<%=request.getParameter("id") %>">
            <h1 class="BookTicket-Box-Title">BOOK TICKET</h1>
            <i class="material-icons">near_me</i> <input type="hidden" name="email"
value="<%=session.getAttribute("email")%>">
                <i class="material-icons">near_me</i>
                <select class="BookTicket-Box-Source" name="Source">
                    <%while(rs.next()){ %>
                        <option value="<%=rs.getInt("id")
%>"><%=rs.getString("station_name") %></option>
                    <%} %>
                </select><select class="BookTicket-Box-Class" name="Class">
                    <option value="FirstClass">First</option>
                    <option value="SecondClass">Second</option>
                </select> <br>
                <div class="BookTicket-Box-Rotate_symbol">
                    <span class="BookTicket-Box-Rotate_symbol-upward">&#8593;</span> <span
class="BookTicket-Box-Rotate_symbol-downward">&#8595;</span>
                </div>
                <br> <br> <i class="material-icons">place</i><select class="BookTicket-
Box-Destination" name="Destination">
                    <% rs = stmt.executeQuery();
                    while(rs.next()){ %>

```

```

                <option value="<%=rs.getInt("id")
%>"><%=rs.getString("station_name") %></option>
                <%} %>

        </select><input type="date" class="BookTicket-Box-Date" name="Date"
required><br>

        <br> <br>
        <div class="BookTicket-Box-Return">
                <label class="BookTicket-Box-Return-label">RETURN<b>:</b></label>
<span
                class="BookTicket-Box-Return-Radio-Yes">YES<input
                type="radio" class="BookTicket-Box-Return-Radio-Yes-Radio"
                id="Yes" name="return" value="Yes"></span> <span
                class="BookTicket-Box-Return-Radio-No">NO<input
                type="radio" class="BookTicket-Box-Return-Radio-No-Radio" id="No"
                name="return" value="No" checked="checked"></span>
        </div>

        <input type="Submit" class="BookTicket-Box-BTN" value="BOOK TICKET">
    </form>
</div>
</main>

</body>
</html>

```

Edit_ticket_backend.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@page import="java.sql.*" %>
<%
    int ticketId = Integer.parseInt(request.getParameter("id"));
    String Source=request.getParameter("Source");
    String Destination=request.getParameter("Destination");
    String Class=request.getParameter("Class");
    String Date=request.getParameter("Date");
    String Return=request.getParameter("return");

    try{
        Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3307/rrs","root","");
        PreparedStatement ps=conn.prepareStatement("call updateTicket(?,?,?,?,?,?)");
        ps.setInt(1,ticketId);
        ps.setString(2,Source);
        ps.setString(3,Destination);
        ps.setString(4,Class);
        ps.setString(5,Date);
        ps.setString(6,Return);

        int x=ps.executeUpdate();
    }
    catch(Exception e){
        e.printStackTrace();
    }
}

```

```





if(x!=0){
    out.print("Ticket Booked Sucessfully");
    response.sendRedirect("ShowTicket.jsp");
}
else{
    out.print("Something went wrong!");
}
}

catch(Exception e){
    out.print(e);
}





%>

```

Output :

TicketDetails + book Another						
Name	Source	Department	Class	Date	Return	
Elon	Chembur	Panvel	SecondClass	2022-09-07	Yes	 
Elon	Belapur	Vashi	FirstClass	2022-09-09	No	 



Addticket

TicketDetails + book Another						
Name	Source	Department	Class	Date	Return	
Elon	Chembur	Panvel	SecondClass	2022-09-07	Yes	 
Elon	Seawood Daraway	Juinagar	FirstClass	2022-09-07	No	 

Deleteticket.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@page import="java.sql.*" %>
<%
int Ticketid = Integer.parseInt(request.getParameter("id"));
Class.forName("com.mysql.jdbc.Driver");
Connection conn=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3307/rrs","root","");
PreparedStatement ps=conn.prepareStatement("call DeleteTicket(?)");
ps.setInt(1,Ticketid);
ps.execute();
response.sendRedirect("ShowTicket.jsp");
%>
```

Output:

TicketDetails						+ book Another
Name	Source	Department	Class	Date	Return	
Elon	Chembur	Panvel	SecondClass	2022-09-07	Yes	 

THANK YOU!

Pillai