

# **Internet and Web Programming**

## **Digital Assignment – 3**

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**19BCE1120**

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**Slot: A1**

**Q) Design an online train ticket reservation/cancellation system using HTML and PHP with the following**

**features:**

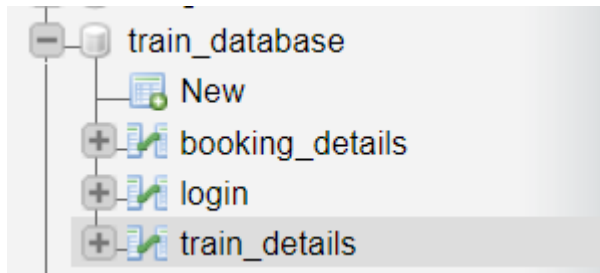
- **Provide a login for the users and use sessions**
- **When login display the reservation/cancellation form with suitable validation**
- **Perform validation of form**
- **Using PHP and MySQL display the availability of the seats for a class for a given train. Assume 5**
- **trains. When a reservation or cancellation is done update the available seats accordingly.**
- **Assume the scenario for 5 days**

### **Approach:**

A robust login,menu ,date selection,booking and cancellation page have been developed using HTML, CSS and PHP.Suitable form validation has been provided using PHP in each of these modules.The database and tables used are with MYSQL as attached below.Sessions play a major role to track the user-id ,to both display it and to use it to store and retrieve contents from the database.Sessions are also used to send date and boarding information that the user enters to the next page for further use.

This scenario is from October 20<sup>th</sup> to October 24<sup>th</sup> for 10 trains ,with classes A1, 3 Tier AC,2 Tier AC and Sleeper corresponding to 10 tickets each-with a feature to avoid overbooking.Cancellation also ensures that only the user who booked the ticket can cancel it and that too only once with the help of sessions.

## Database:



## Login:

Username	Password
admin	admin
vmaheysh@gmail.com	admin

## Train details:

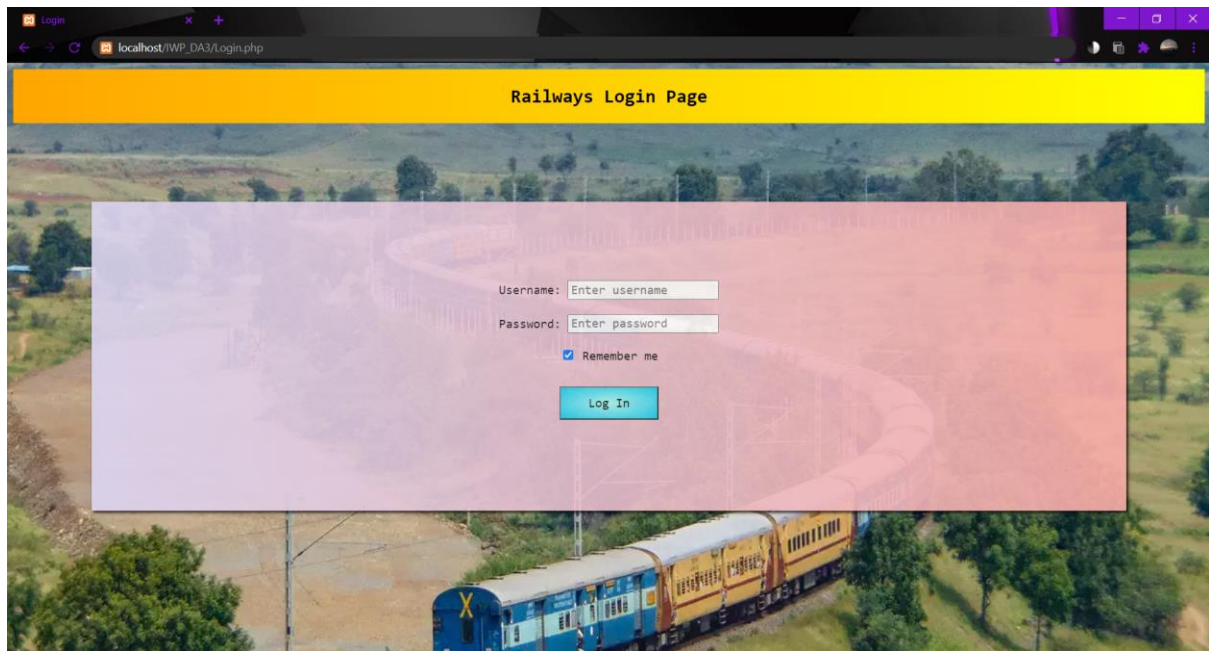
TrainNumber	TrainName	TrainFrom	TrainTo	Date	A1	2TIERAC	3TIERAC	SLEEPER
1	Chennai Express	Chennai	Mumbai	2020-10-20	10	10	10	10
2	SuperFast Express	Chennai	Delhi	2020-10-21	10	10	10	10
3	Powerful Express	Kolkata	Mumbai	2020-10-22	10	10	10	10
4	Enterprise Express	Chennai	Bangalore	2020-10-23	10	10	10	10
5	Bangalore Express	Bangalore	Delhi	2020-10-24	10	10	10	10
7	Rajdhani Express	Delhi	Mumbai	2020-10-21	10	10	10	10
6	Rajavel Mail	Chennai	Coimbatore	2020-10-20	10	10	10	10

## Booking details:

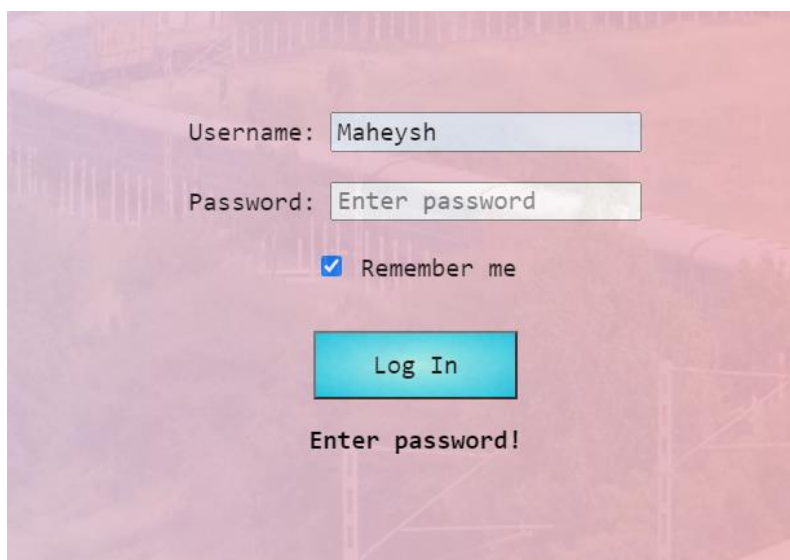
+ Options

Name	TrainNumber	Class	TicketsBooked
admin	6	2TIERAC	2

## Login.php



## On Entering Username Alone:



## On Entering Password Alone:



Username:

Password:

☒ Remember me

Enter username!

This screenshot shows a login form with a pink background. The 'Username' field contains the placeholder text 'Enter username'. The 'Password' field contains three dots, indicating a password is entered. The 'Remember me' checkbox is checked. A blue 'Log In' button is present. Below the button, the text 'Enter username!' is displayed in black, indicating an error because the password field is not empty.

## On Entering Wrong Credentials:



Username:

Password:

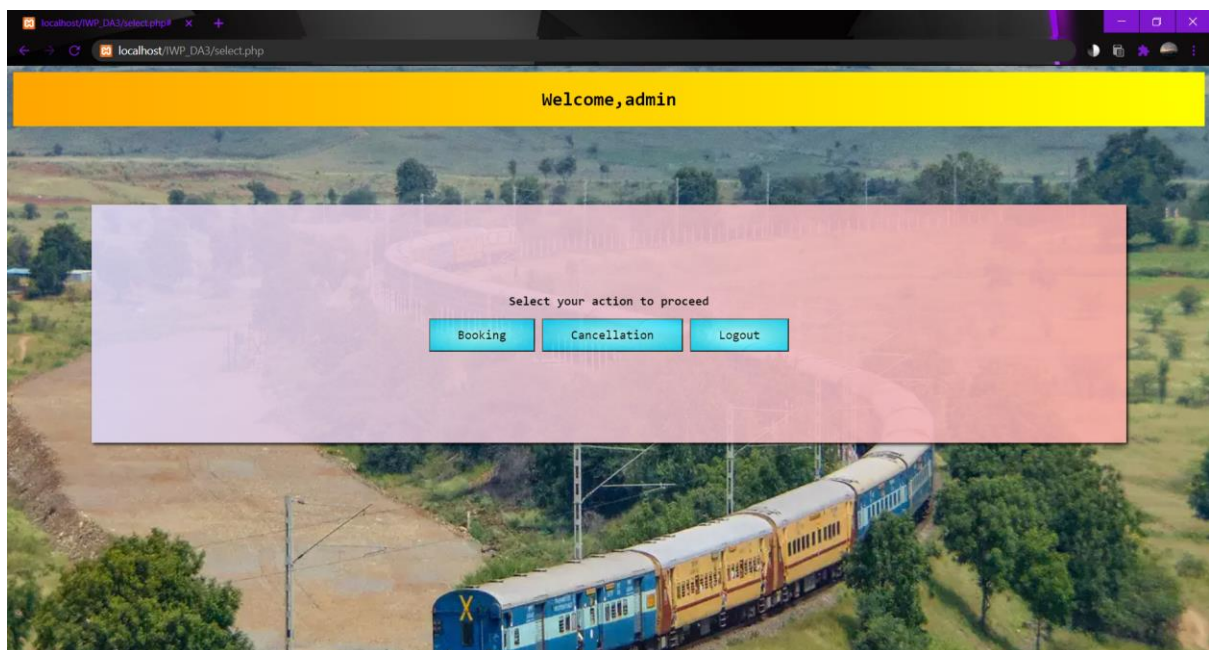
☒ Remember me

Wrong credentials!

This screenshot shows the same login form. The 'Username' field now contains 'Maheysh' and the 'Password' field contains four dots. The 'Remember me' checkbox remains checked. The 'Log In' button is still there. Below the button, the text 'Wrong credentials!' is displayed in red, indicating an authentication failure.

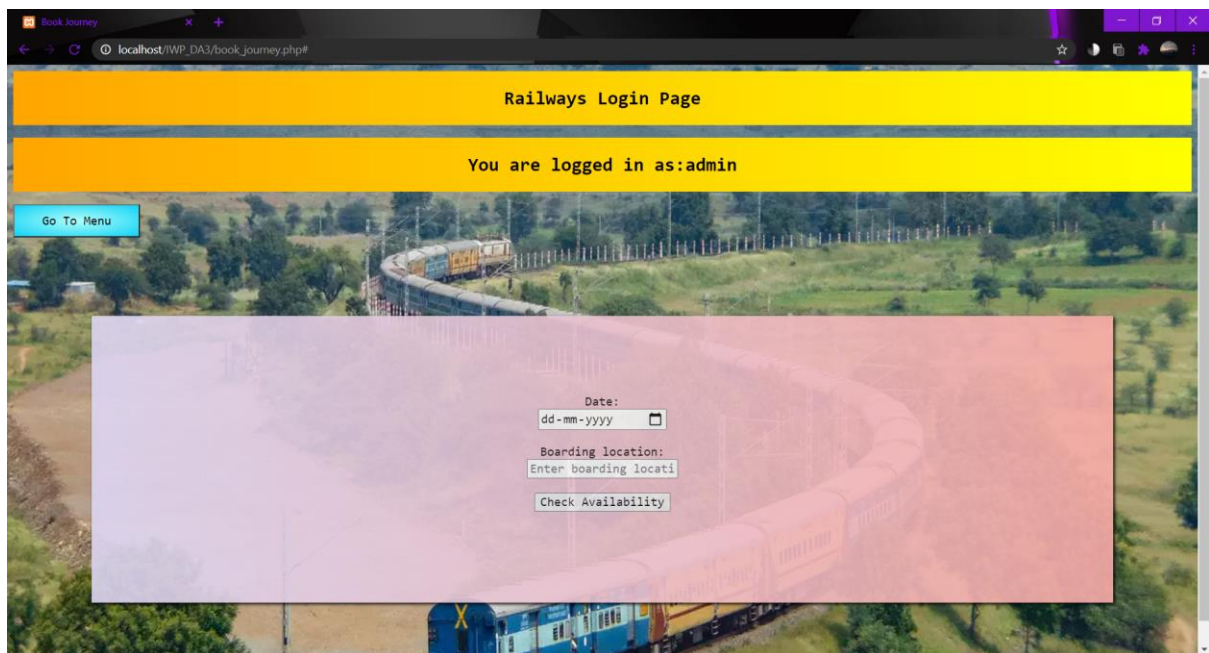
**On Logging in With Credentials:**

**Select.php: (A menu Page)**



**On Selecting Booking:**

**Book\_journey.php:**



## On Not Entering Date:



## On Not Entering Location:



A screenshot of a flight booking form. At the top, there is a label "Date:" followed by a text input field containing "20-10-2020" and a calendar icon to its right. Below this is a label "Boarding location:" followed by a text input field containing "Enter boarding locati". In the center is a large blue button with the text "Check Availability". At the bottom is the text "Enter Start Location". The background is a light pink with a faint image of an airplane.

Date:  
20-10-2020

Boarding location:  
Enter boarding locati

Check Availability

Enter Start Location

### On Entering Invalid Location:

A screenshot of the same flight booking form as above, but with an invalid location entered. The "Date:" field still shows "20-10-2020". The "Boarding location:" field now contains "Chenn7a4i". The blue "Check Availability" button remains in the center. At the bottom, the text "Enter Valid Start Location" is displayed in red. The background is the same light pink with a faint airplane image.

Date:  
20-10-2020

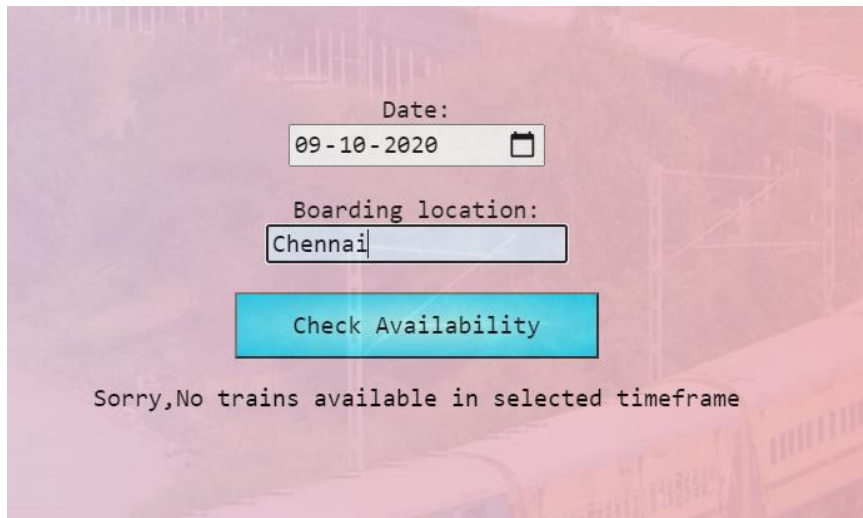
Boarding location:  
Chenn7a4i

Check Availability

Enter Valid Start Location



## On going above/below 5 day timeframe:



Date:  
09-10-2020

Boarding location:  
Chennai

Check Availability

Sorry, No trains available in selected timeframe

**On valid filling:**

**Book tickets.php:**

**(Relevant Train Details Selected and displayed)**

Book Tickets

You are logged in as:admin

Go To Menu

Available Train Services

Train Number	Train Name	Date	From	To	A1	2 Tier AC	3 Tier AC	Sleeper
1	Chennai Express	2020-10-20	Chennai	Mumbai	10	10	10	10
6	Rajavel Mail	2020-10-20	Chennai	Coimbatore	10	10	10	10

Enter Train Number:  
Enter Train Number

Enter Class:  
▼

Enter Total Number of Tickets:  
1

Book

## All null validations provided

Enter Train Number:

Enter Class:

Enter Total Number of Tickets:

Please fill out tickets

Enter Train Number:

Enter Class:

Enter Total Number of Tickets:

! Please select an item in the list.

## On entering non-numericals for train number:

Enter Train Number:  
A

Enter Class:  
2 Tier AC ▾

Enter Total Number of Tickets:  
1

Book

Please fill out train number with numerals

## Valid Booking :

Available Train Services

Train Number	Train Name	Date	From	To	A1	2 Tier AC	3 Tier AC	Sleeper
1	Chennai Express	2020-10-20	Chennai	Mumbai	10	10	10	10
6	Rajavel Mail	2020-10-20	Chennai	Coimbatore	10	10	10	10

Enter Train Number:  
6

Enter Class:  
A1 ▾

Enter Total Number of Tickets:  
3

Book

Please fill out tickets

## Table After Booking:

Available Train Services								
Train Number	Train Name	Date	From	To	A1	2 Tier AC	3 Tier AC	Sleeper
1	Chennai Express	2020-10-20	Chennai	Mumbai	10	10	10	10
6	Rajavel Mail	2020-10-20	Chennai	Coimbatore	7	10	10	10

## On Entering count greater than ticket count:

Train Number	Train Name	Date	From	To	A1	2 Tier AC	3 Tier AC	Sleeper
1	Chennai Express	2020-10-20	Chennai	Mumbai	10	10	10	10
6	Rajavel Mail	2020-10-20	Chennai	Coimbatore	5	10	10	10

Enter Train Number:  
6

Enter Class:  
A1

Enter Total Number of Tickets:  
6

Book

Train Number	Train Name	Date	From	To	A1	2 Tier AC	3 Tier AC	Sleeper
1	Chennai Express	2020-10-20	Chennai	Mumbai	10	10	10	10
6	Rajavel Mail	2020-10-20	Chennai	Coimbatore	5	10	10	10

Enter Train Number:  
6

Enter Class:  
A1

Enter Total Number of Tickets:  
6

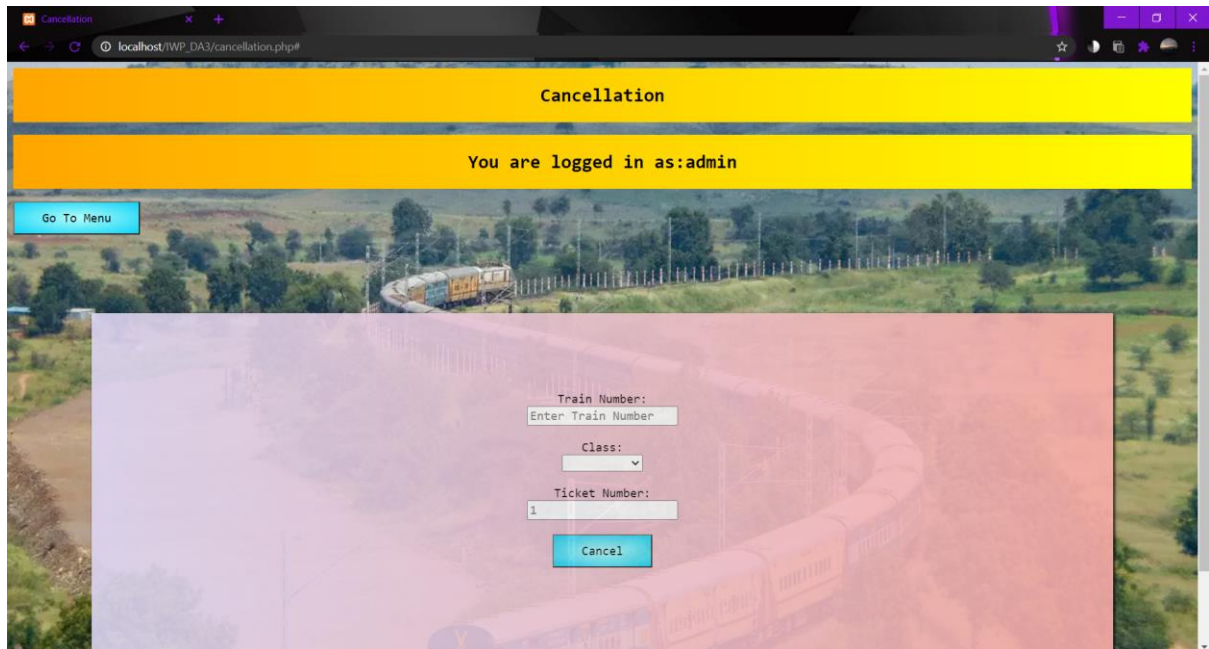
Book

Sorry, the count of 6 tickets is not available



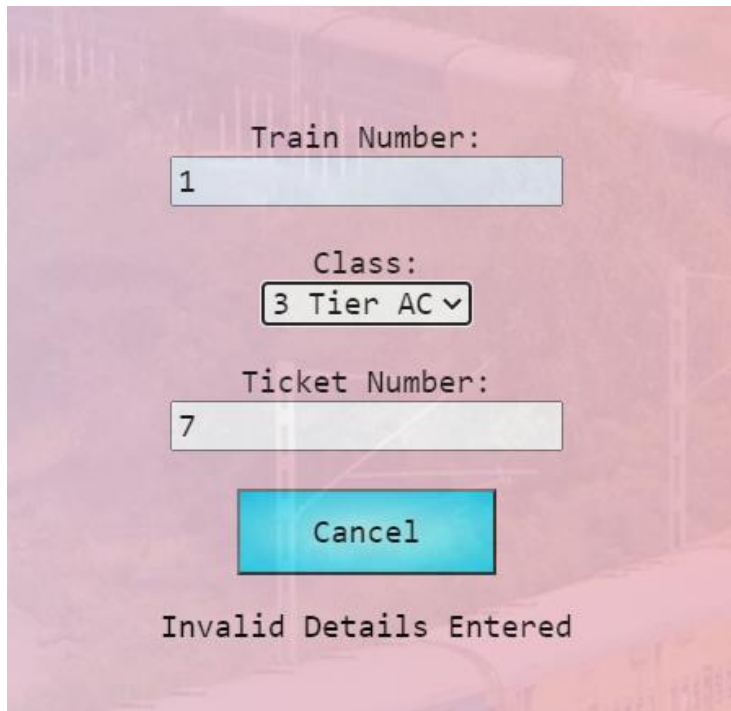
**Now on going back to menu and selecting  
cancellation:**

**Cancellation.php:**



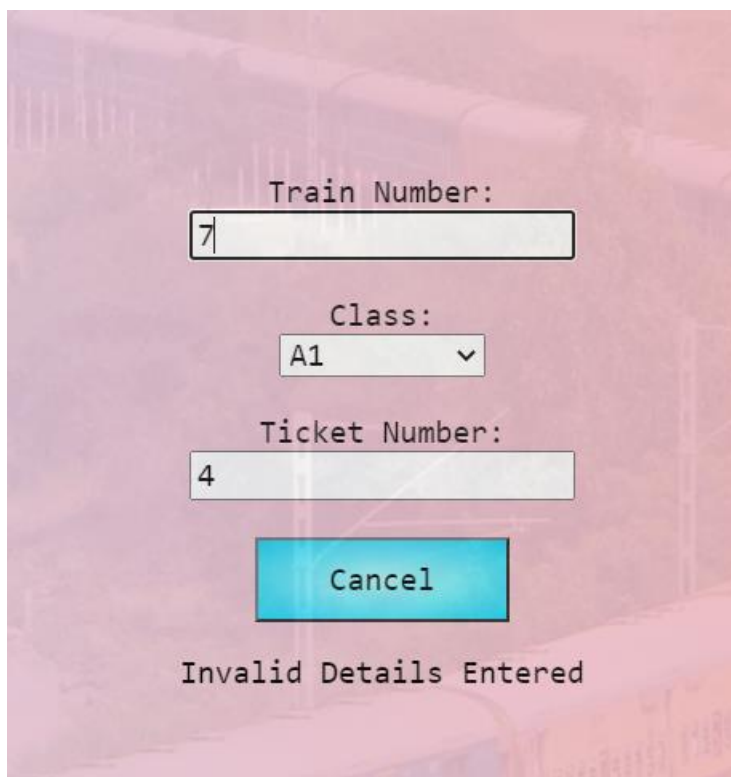
**Validations provided as in last booking module.**

## On Entering Any type of invalid data not booked:



A screenshot of a train booking form with a pink background. The form contains the following fields and elements:

- Train Number:** A text input field containing the value "1".
- Class:** A dropdown menu showing "3 Tier AC" with a downward arrow.
- Ticket Number:** A text input field containing the value "7".
- Cancel:** A blue rectangular button with the text "Cancel".
- Invalid Details Entered:** A text label at the bottom of the form.

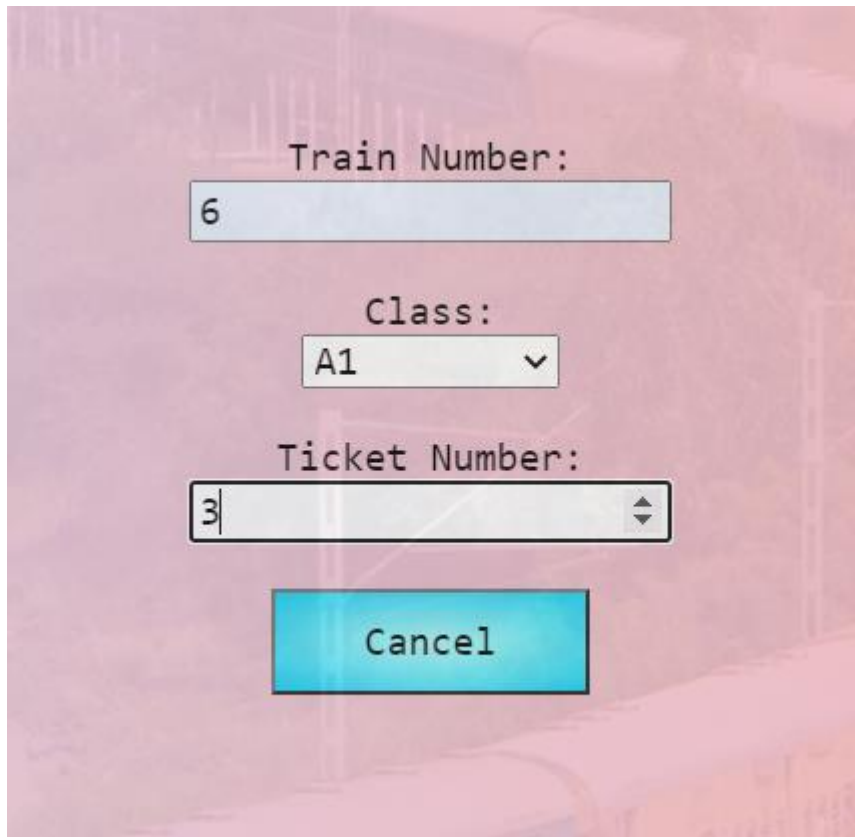


A screenshot of a train booking form with a pink background. The form contains the following fields and elements:

- Train Number:** A text input field containing the value "7".
- Class:** A dropdown menu showing "A1" with a downward arrow.
- Ticket Number:** A text input field containing the value "4".
- Cancel:** A blue rectangular button with the text "Cancel".
- Invalid Details Entered:** A text label at the bottom of the form.



## On Entering Valid Cancellation Details:



A screenshot of a web form for cancelling a train ticket. The form is set against a background image of a train. It contains three input fields: 'Train Number' with the value '6', 'Class' with a dropdown menu showing 'A1', and 'Ticket Number' with a spinner control showing '3'. Below these fields is a blue 'Cancel' button.

Train Number:  
6

Class:  
A1 ▼

Ticket Number:  
3

Cancel

## Database Before Cancellation:

+ Options

Name	TrainNumber	Class	TicketsBooked
admin	6	2TIERAC	2
admin	6	A1	3
admin	6	A1	2

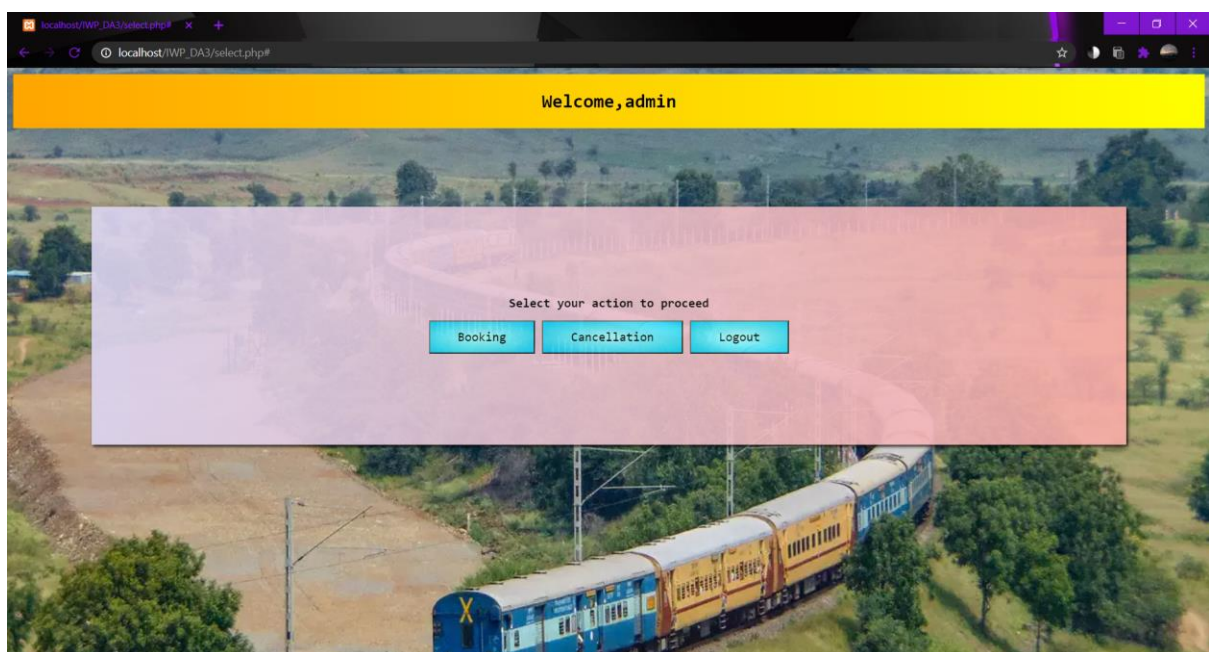
## Database After Cancellation:

(Record cross checked with session name of user,train no,class ,ticket booked and deleted-to prevent further misuse)

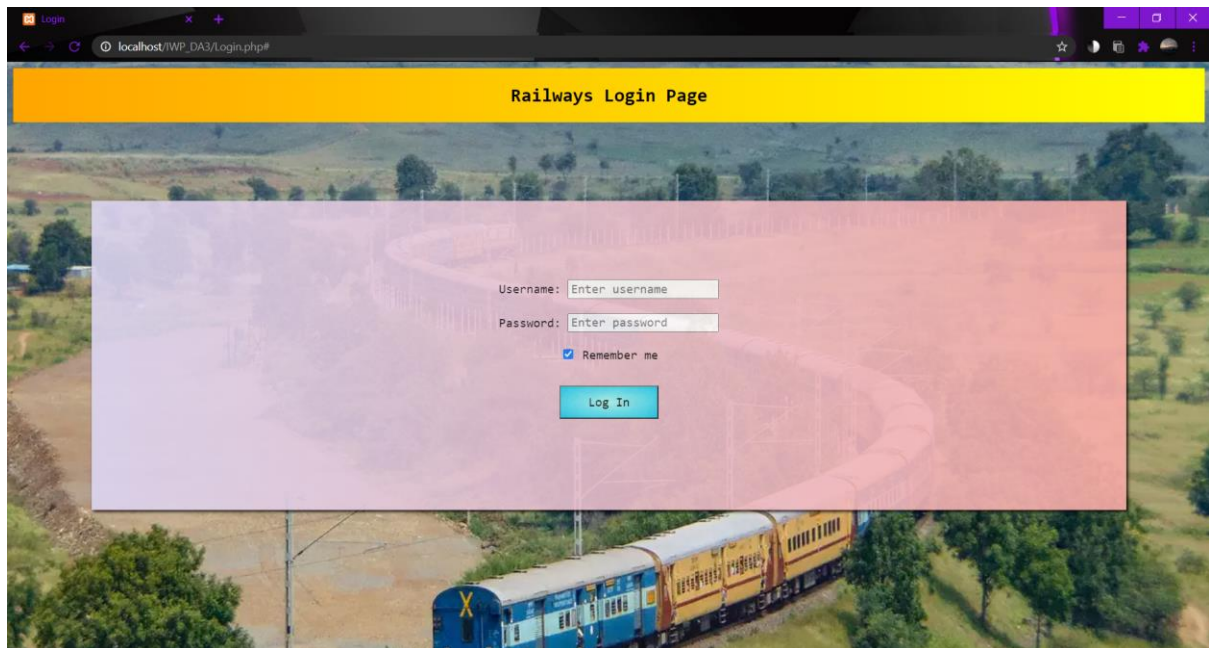
+ Options

Name	TrainNumber	Class	TicketsBooked
admin	6	2TIERAC	2
admin	6	A1	2

## For Logout:



## Redirects to login.php after clearing all session details:



---

### ● Login.php:

```
<?php
    session_start();

?>

<html>
<head>
    <title>Login</title>
</head>
<style>

    *{
        font-family: monospace;
```

```
font-size: 16px;
}
body{

background:url('https://static.toiimg.com/photo/77548457.cms')
;

background-position: center;
background-repeat: no-repeat;
background-size: cover;

}
h1{
background-image: linear-gradient(to right,orange,yellow);
padding-top: 20px;
padding-bottom: 20px;
font-size: 24px;
text-align: center;
}
#form-ele{

background-image: linear-gradient(to
right,#ddd6f3,#faaca8);
box-shadow: 2px 2px 4px #000000;
opacity:0.9;
text-align:center;
margin-top: 100px;
margin-bottom: 100px;
margin-left: 100px;
margin-right: 100px;
padding-left: 100px;
padding-right: 100px;
padding-top: 100px;
```

```

        padding-bottom: 100px;
    }

    #form{
        opacity:0.9;
    }
    #username{
        opacity:0.9;
    }

    #Log-In{
        padding-left: 35px;
        padding-right: 35px;
        padding-top: 10px;
        padding-bottom: 10px;
        background-image: radial-gradient(#B2FEFA,#0ed2f7);
    }
</style>

<body>
    <h1>Railways Login Page</h1>
    <div id="form-ele" >
        <form action="#" id="form" method="post">

            <label for="username">Username:</label>
            <input type='text' id='uname' name='uname'
placeholder="Enter username"></input><br><br>
            <label for="username">Password:</label>
            <input type='password' id='password' name='password'
placeholder="Enter password"></input><br><br>
            <input type="checkbox" checked="checked" name="remember"
style="margin-bottom:15px"> Remember me</label><br><br>

```

```

        <input type="submit" id="Log-In" name="Log-In"
value="Log In">
    </form>

    <?php
        if(isset($_POST['Log-In']))
        {
            $uname=$_POST['uname'];
            $password=$_POST['password'];
            //Form Validation
            if($uname=="")
            {
                echo("<h3>Enter username!</h3>");
            }

            else if($password=="")
            {
                echo("<h3>Enter password!</h3>");
            }

            //Checking in database
            else
            {

$con=mysqli_connect("localhost","Administrator","#Kalizen0123"
) or die("Unable to connect");

                mysqli_select_db($con,"train_database");

                $sql="select * from login where Username='$uname'
and Password='$password'";

                $result = $con->query($sql);

                if($result->num_rows > 0)
                {

```

```

        echo("<h3>You will be redirected</h3>");

        $_SESSION['username']=$uname;

        header("Location: select.php");

    }

    else
    {
        echo("<h3 style='color:red;'>Wrong
credentials!</h3>");

        // echo("<script>alert('Wrong
credentials!');</script>")    ;

    }
}

?>

</div>

</body>

</html>

```

- **Select.php:**

```

<?php
    session_start();

    echo("<h1>Welcome, " . $_SESSION['username'] . "</h1>" );

    if(isset($_POST['Booking']))
    {
        header("Location: book_journey.php");
    }

    if(isset($_POST['Cancellation']))
    {
        header("Location: cancellation.php");
    }
}

```



```
}

if(isset($_POST['Logout']))
{
    session_unset();
    session_destroy();
    header("Location: Login.php");
}
?>

<html>
<head>
<style>

*{
    font-family: monospace;
    font-size: 16px;
}
body{

background:url('https://static.toiimg.com/photo/77548457.cms')
;

    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;

}
h1{
    background-image: linear-gradient(to
right,orange,yellow);
    padding-top: 20px;
    padding-bottom: 20px;
    font-size: 24px;
    text-align: center;
```

```
}

#form-ele{

    background-image: linear-gradient(to
right,#ddd6f3,#faaca8);

    box-shadow: 2px 2px 4px #000000;
    opacity:0.9;
    text-align:center;
    margin-top: 100px;
    margin-bottom: 100px;
    margin-left: 100px;
    margin-right: 100px;
    padding-left: 100px;
    padding-right: 100px;
    padding-top: 100px;
    padding-bottom: 100px;
}

#form{
    opacity:0.9;
}

#username{
    opacity:0.9;
}

#Logout,#Booking,#Cancellation{
    padding-left: 35px;
    padding-right: 35px;
    padding-top: 10px;
    padding-bottom: 10px;
    background-image: radial-gradient(#B2FEFA,#0ed2f7);
```

```

    }
</style>
</head>

<body>
    <div id="form-ele" >
        <h2>Select your action to proceed</h2>
        <form action="#" method="post">
            <input type="submit" id="Booking" name="Booking"
value="Booking" >
            <input type="submit" id="Cancellation"
name="Cancellation" value="Cancellation" >
            <input type="submit" id="Logout" name="Logout"
value="Logout" >
        </form>
    </div>
</body>

</html>

```

- **Book journey.php:**

```

<?php
    session_start();
    if(isset($_POST['back']))
    {
        header("Location: select.php");
    }
?>

<html>
<head>

```

```
<title>Book Journey</title>
</head>
<style>

*{
font-family: monospace;
font-size: 16px;
}
body{

background:url('https://static.toiimg.com/photo/77548457.cms')
;

    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;

}
h1{
    background-image: linear-gradient(to right,orange,yellow);
    padding-top: 20px;
    padding-bottom: 20px;
    font-size: 24px;
    text-align: center;
}
#form-ele{

    background-image: linear-gradient(to
right,#ddd6f3,#faaca8);

    box-shadow: 2px 2px 4px #000000;
    opacity:0.9;
    text-align:center;
    margin-top: 100px;
```

```
        margin-bottom: 100px;
        margin-left: 100px;
        margin-right: 100px;
        padding-left: 100px;
        padding-right: 100px;
        padding-top: 100px;
        padding-bottom: 100px;
    }

    #form{
        opacity:0.9;
    }
    #username{
        opacity:0.9;
    }

    #Log-In,#back,#CA{
        padding-left: 35px;
        padding-right: 35px;
        padding-top: 10px;
        padding-bottom: 10px;
        background-image: radial-gradient(#B2FEFA,#0ed2f7);
    }
</style>

<body>
    <h1>Railways Login Page</h1>

    <?php echo("<h1>You are logged in as:"
.$_SESSION['username']. "</h1>" ); ?>

    <form action="#" method="post">
    <input type="submit" id="back" name="back" value="Go To Menu">
```

```
</form>

<div id="form-ele" >

    <form action="#" id="form" method="post">

        <label for="username">Date:</label><br>

        <input type='date' placeholder="Enter date" id="date"
name="date"></input><br><br>

        <label for="username">Boarding location:</label><br>

        <input type='text' placeholder="Enter boarding location"
id="start" name="start"></input><br><br>

        <input type="submit" id="CA" name="CA" value="Check
Availability">


```

```
</form>
```

```
<?php
```

```
if(isset($_POST['CA']))
{
    $date=$_POST['date'];
    $start=$_POST['start'];
    $_SESSION['datez']=$_POST['date'];
    $_SESSION['startz']=$_POST['start'];
    $pattern="/^[A-Za-z]+/";
    //echo($date.$start);
    //Validation
    if($date=="")
    {
        echo("<h2>Enter Date</h2>");
    }
    else if($start=="")
    {
        echo("<h2>Enter Start Location</h2>");
    }
}
```

```

        else if(preg_match($pattern,$start))
        {
            echo("<h2 style='color:red;'>Enter Valid Start
Location</h2>");
        }
        //sqldb
    else
    {

$con=mysqli_connect("localhost","Administrator","#Kalizen0123"
) or die("Unable to connect");

        mysqli_select_db($con,"train_database");

        $sql="select * from train_details where Date='$date'
and TrainFrom='$start'";

        $result = $con->query($sql);

        if ($result->num_rows > 0)
        {

            header("Location: book_tickets.php");

        }
        else
        {

            echo "Sorry,No trains available in selected
timeframe";

        }

    }

?>

```



```
</div>
</body>
</html>
```

- **Book tickets.php:**

```
<?php
session_start();

if(isset($_POST['back']))
{
    header("Location: select.php");
}
?>
<html>
<head>
    <title>Book Tickets</title>
</head>
<style>

    *{
        font-family: monospace;
        font-size: 16px;
    }
    body{

background:url('https://static.toiimg.com/photo/77548457.cms')
;

        background-position: center;
        background-repeat: no-repeat;
        background-size: cover;
```

```
}  
h1{  
    background-image: linear-gradient(to right,orange,yellow);  
    padding-top: 20px;  
    padding-bottom: 20px;  
    font-size: 24px;  
    text-align: center;  
}  
#form-ele{  
  
    background-image: linear-gradient(to  
right,#ddd6f3,#faaca8);  
    box-shadow: 2px 2px 4px #000000;  
    opacity:0.9;  
    text-align:center;  
    margin-top: 100px;  
    margin-bottom: 100px;  
    margin-left: 100px;  
    margin-right: 100px;  
    padding-left: 100px;  
    padding-right: 100px;  
    padding-top: 100px;  
    padding-bottom: 100px;  
}  
  
#form{  
    opacity:0.9;  
}  
#username{  
    opacity:0.9;  
}
```

```

#Book,#back{
    padding-left: 35px;
    padding-right: 35px;
    padding-top: 10px;
    padding-bottom: 10px;
    background-image: radial-gradient(#B2FEFA,#0ed2f7);
}
</style>

<body>
    <h1>Book Tickets</h1>

    <?php echo("<h1>You are logged in as:"
.$_SESSION['username']. "</h1>" ); ?>

    <form action="#" method="post">

        <input type="submit" id="back" name="back" value="Go To
Menu">

    </form>

    <div id="form-ele" >

        <h3>Available Train Services</h3>

        <?php
            $datez=$_SESSION['datez'];
            $startz=$_SESSION['startz'];

            $con=mysqli_connect("localhost","Administrator","#Kalizen0123"
) or die("Unable to connect");

            mysqli_select_db($con,"train_database");

            $sql="select * from train_details where Date='$datez' and
TrainFrom='$startz'";

            $result = $con->query($sql);

            //Printdirectly as verified in book_journey.php

            echo "<table border=3px bgcolor='yellow'
cellpadding='15'><th>Train Number</th><th>Train

```

```
Name</th><th>Date</th><th>From</th><th>To</th><th>A1</th><th>2  
Tier AC</th><th>3 Tier AC</th><th>Sleeper</th>";
```

```
while($row =$result ->fetch_assoc())  
{  
    // echo "Train Number" . $row["TrainNumber"]. "Train  
Name". $row["TrainName"]. "Date ". $row["Date"]. "From" .  
$row["TrainFrom"]. "To" . $row["TrainTo"] . "A1". $row["A1"] .  
    // "2 Tier AC". $row["2TIERAC"] . "3 Tier  
AC". $row["3TIERAC"] . "Sleeper". $row["SLEEPER"] . "<br>";  
    echo "<tr><td>" . $row["TrainNumber"] . "</td><td>" .  
$row["TrainName"] . "</td><td>" . $row["Date"] . "</td><td>" .  
    $row["TrainFrom"] . "</td><td>" . $row["TrainTo"]  
    . "</td><td>" . $row["A1"] .  
    "</td><td>" . $row["2TIERAC"] . "</td><td>" . $row["3TIERAC"] . "</td><td>" . $row["SLEEPER"] . "</td></tr>";  
}  
echo("</table>");
```

```
?>
```

```
<div id="form-elem" >  
    <form action="#" id="form" method="post">  
  
        <label for="tnoo">Enter Train Number:</label><br>  
        <input type='text' placeholder="Enter Train Number"  
name="tno" id="tno"></input><br><br>  
        <label for="class">Enter Class:</label><br>  
  
        <select name="train_class" id="train_class" required>  
            <option value=""></option>  
            <option value="A1">A1</option>  
            <option value="2TIERAC">2 Tier AC</option>
```

```
        <option value="3TIERAC">3 Tier AC</option>
        <option value="SLEEPER">Sleeper</option>
    </select><br><br>
    <!-- <input type='text'
placeholder="A1"></input><br><br> -->
    <label for="ticket">Enter Total Number of
Tickets:</label><br>
    <input type='number' placeholder="1" min=1
name="tickets" id="tickets"></input><br><br>
    <input type="submit" id="Book" name="Book"
value="Book">
</form>
```

```
</div>
```

```
<?php
    //echo("<script>alert('Wrong
credentialssqxd!');</script>") ;
    if(isset($_POST['Book']))
    {
        $tno=$_POST['tno'];
        $train_class=$_POST["train_class"];
        $tickets=$_POST["tickets"];

        $pattern="/[0-9]+/";

        //Validation
        if($tno=="")
        {
            echo("Please fill out train number");
        }
        else if($train_class=="")
```

```

        {
            echo("Please fill out train class");
        }
        else if($tickets=="")
        {
            echo("Please fill out tickets");
        }
        else if(!preg_match($pattern,$tickets))
        {
            echo("<h2 style='color:red;'>Please fill out
tickets with numericals</h2>");
        }
        else if(!preg_match($pattern,$tno))
        {
            echo("<h2 style='color:red;'>Please fill out
train number with numericals</h2>");
        }

        //db
        else
        {

$con=mysqli_connect("localhost","Administrator","#Kalizen0123"
) or die("Unable to connect");

        mysqli_select_db($con,"train_database");

        //$sql="select '$train_class' from train_details
where TrainNumber='$tno'";

        $sql="select * from train_details where
TrainNumber='$tno'";

        $result = $con->query($sql);

        if ($result->num_rows > 0)
        {

```

```

        while($row =$result ->fetch_assoc())
        {
            //echo($row[$train_class]); //GETS
RESPECTIVE CLASS TICKET COUNT LEFT

            $tickets_in_db=$row[$train_class];
            //echo($row["A1"]);
        }
        //$tickets_in_db-=
        //echo($result);

        if($tickets_in_db-$tickets<0)
        {
            echo("Sorry,the count of ".$tickets."
tickets is not available");
        }
        else
        {
            $tickets_in_db-= $tickets;

            $sql="UPDATE train_details SET
$train_class=$tickets_in_db WHERE TrainNumber=$tno";

            $result = $con->query($sql);

            $usname=$_SESSION['username'];

            $sql="INSERT INTO booking_details
(Name,TrainNumber,Class,TicketsBooked) VALUES
('$usname','$tno','$train_class','$tickets')";

            $result = $con->query($sql);

            echo("The count of ".$tickets."
successfully booked in ".$train_class." class" );

        }

```



```
        }

        else
        {
            echo("Server Error,Please Try Again");
        }
    }
}

?>
</div>
</body>
<html>
```

- **Cancellation.php:**

```
<?php
    session_start();
    if(isset($_POST['back']))
    {
        header("Location: select.php");
    }
?>

<html>
<head>
    <title>Cancellation</title>
</head>
<style>
```

```
*{
font-family: monospace;
font-size: 16px;
}
body{
background:url('https://static.toiimg.com/photo/77548457.cms')
;
background-position: center;
background-repeat: no-repeat;
background-size: cover;
}
h1{
background-image: linear-gradient(to right,orange,yellow);
padding-top: 20px;
padding-bottom: 20px;
font-size: 24px;
text-align: center;
}
#form-ele{
background-image: linear-gradient(to
right,#ddd6f3,#faaca8);
box-shadow: 2px 2px 4px #000000;
opacity:0.9;
text-align:center;
margin-top: 100px;
margin-bottom: 100px;
margin-left: 100px;
margin-right: 100px;
padding-left: 100px;
```

```
padding-right: 100px;
padding-top: 100px;
padding-bottom: 100px;
}

#form{
    opacity:0.9;
}
#username{
    opacity:0.9;
}

#Cancel,#back{
    padding-left: 35px;
    padding-right: 35px;
    padding-top: 10px;
    padding-bottom: 10px;
    background-image: radial-gradient(#B2FEFA,#0ed2f7);
}
</style>

<body>
    <h1>Cancellation</h1>
    <?php echo("<h1>You are logged in as:"
.$_SESSION['username']. "</h1>" ); ?>
    <form action="#" method="post">
        <input type="submit" id="back" name="back" value="Go To
Menu">
    </form>
    <div id="form-ele" >
```

```
<form action="#" id="form" method="post">

    <label for="tnoo">Train Number:</label><br>
    <input type='text' placeholder="Enter Train Number"
name="tno" id="tno"></input><br><br>
    <label for="class">Class:</label><br>

    <select name="train_class" id="train_class" required>
        <option value=""></option>
        <option value="A1">A1</option>
        <option value="2TIERAC">2 Tier AC</option>
        <option value="3TIERAC">3 Tier AC</option>
        <option value="SLEEPER">Sleeper</option>
    </select><br><br>
    <!-- <input type='text'
placeholder="A1"></input><br><br> -->

    <label for="ticket">Ticket Number:</label><br>
    <input type='number' placeholder="1" min=1
name="tickets" id="tickets"></input><br><br>

    <input type="submit" id="Cancel" name="Cancel"
value="Cancel">

</form>
```

```
<?php
if(isset($_POST['Cancel']))
{
    $tno=$_POST['tno'];
    $train_class=$_POST["train_class"];
    $tickets=$_POST["tickets"];
    $usname=$_SESSION["username"];

    $pattern="/[0-9]+/";
```

```
//Validation
if($tno=="")
{
    echo("Please fill out train number");
}
else if($train_class=="")
{
    echo("Please fill out train class");
}
else if($tickets=="")
{
    echo("Please fill out tickets");
}
else if(!preg_match($pattern,$tickets))
{
    echo("<h2 style='color:red;'>Please fill out tickets
with numericals</h2>");
}
else if(!preg_match($pattern,$tno))
{
    echo("<h2 style='color:red;'>Please fill out train
number with numericals</h2>");
}

//db
else
{

$con=mysqli_connect("localhost","Administrator","#Kalizen0123"
) or die("Unable to connect");

    mysqli_select_db($con,"train_database");
```

```

        $sql="select * from booking_details where
TrainNumber='$tno' and Name='$usname' and Class='$train_class'
and TicketsBooked='$tickets'";

        $result = $con->query($sql);

        if ($result->num_rows > 0)
        {
            while($row = $result ->fetch_assoc())
            {
                //echo($row['TicketsBooked']); //GETS RESPECTIVE
CLASS TICKET COUNT LEFT

                //$tickets_in_db=$row[$train_class];

                $restore_tickets=$row['TicketsBooked'];

            }

            $restore_tickets+=$tickets;

            $sql="UPDATE train_details SET
$train_class=$restore_tickets WHERE TrainNumber='$tno'";

            $result = $con->query($sql);

            //To ensure misuse by same account

            $sql="Delete from booking_details where
TrainNumber='$tno' and Name='$usname' and Class='$train_class'
and TicketsBooked='$tickets'";

            $result = $con->query($sql);

            echo("Your Ticket count of ".$tickets." has been
cancelled successfully");

        }

        // Validate

        else

        {

            echo("Invalid Details Entered");

```

```
        }  
    }  
}  
?>  
  
</div>  
</body>  
</html>
```