

**PROJECT DEVELOPMENT PHASE**  
**SPRINT-2**  
**SOURCE CODE**

DATE	07 NOVEMBER 2022
TEAM ID	PNT2022TMID17753
PROJECT NAME	DEVELOPING A FLIGHT DELAY PREDICTION MODEL BY USING MACHINE LEARNING
MAXIMUM MARKS	8 MARKS

**home.php :**

```
<?php require_once "controllerUserData.php"; ?>

<?php

$email = $_SESSION['email'];
$password = $_SESSION['password'];
if($email != false && $password != false){
    $sql = "SELECT * FROM usertable WHERE email = '$email'";
    $run_sql = mysqli_query($con, $sql);
    if($run_sql){
        $fetch_info = mysqli_fetch_assoc($run_sql);
        $status = $fetch_info['status'];
        $code = $fetch_info['code'];
        if($status == "verified"){
            if($code != 0)
            {header('Location: reset-code.php');
            }
        }else{
            header('Location: user-otp.php');
        }
    }
}else{
    header('Location: login-user.php')
```

```
}

?>

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

    <title><?php echo $fetch_info['name'] ?> | FLIGHT DELAY</title>


    <style>

        label{

            font-size:120%;

            color:#ffffff;

        }

        body{

            background-image: url('wallpaper (13).jpg');

            background-color: black;

            background-repeat: no-repeat;

            background-attachment: fixed;

            background-size: 100% 100%;

        }

        h1{

            text-align: center;

            color: white;

            font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,

            sans-serif

        }

        .cols{

            width: 470px;

            height: 25px;

            border:none;

            font-size:large;
```

```

background-color:transparent;

margin:5px;

box-sizing: border-box;
}

table{

    align-items: center;

    margin-top:45px;
}

input{

    color: rgb(255, 255, 255);
}

th{

    font-size:1.39em;

    text-align:center;

    color:#fdfdfd;
}

input[type=submit] {

    background-color: #04AA6D;

    color:#fdfdfd;

    padding: 12px 20px;

    margin-left: 350px;

    border: none;

    border-radius: 4px;

    cursor: pointer;

    float: left;

    font-family: cursive;
}

input[type=text], select,
textarea,input[type=time],input[type=calendar],input[type=number], input[type=month] {

    width: 100%;

    padding: 12px;

```

```
border: 1px solid #fdfdfd;
border-radius: 4px;
padding: 5px;
}
#region,#country{
width: 100%;
padding: 5px;
border: 1px solid #fdfdfd;
border-radius: 4px;
font-family: cursive;
font-size:medium;
background-color:transparent;
margin:5px;
box-sizing:border-box;
color:#fdfdfd;
```

```
}
```

```
.col-25 {
float: left;
margin-left: 100px;
width: 30%;
margin-top: 13px;
font-family:cursive;
```

```
}
```

```
.col-75 {
margin-left: 100px;
width: 30%;
float: left;
margin-top: 13px;
font-family:cursive;
```

```
        color: #fdfdfd;
    }
.button:after {
    content: "";
    display: table;
    clear: both;
}
ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    overflow: hidden;
}
li {
    float: left;
}
li a {
    display: block;
    color: #fdfdfd;
    text-align: center;
padding: 14px 16px;
    text-decoration: none;
    font-family: cursive;
}
li a: hover {
    background-color: #000000;
    width: auto;
}
</style>
</head>
```

<body>

<ul>

<li style="color:#fdfdfd;font-family:cursive;font-weight: bolder;font-size: xx-large;">Flight Delay Prediction</li>

<li style="float:right"><a href="logout-user.php" >LogOut</a></li>

<li style="float:right"><a href="about.php">About</a></li>

</ul>

<form action="result.php" method="POST" name="register" autocomplete="">

<table>

<tr>

<td class="col-25" > <label >Enter Flight Number</label></td>

<td class="col-75"> <input class="cols" type="text" placeholder="Enter Flight Number" required name="FlightNumber" ></td>

</tr>

<tr>

<td class="col-25" ><label>Month</label></td>

<td class="col-75"><input class="cols" type="month" placeholder="Month" required name="Month"></td>

</tr>

<tr>

<td class="col-25"><label>Origin</label></td>

<td class="col-75">

<select id="country" required>

<option value="region" selected style="color: black;">India</option>

<option value="region" style="color: black;">Mumbai</option>

<option value="region" style="color: black;">Kanada</option>

<option value="region" style="color: black;">England</option>

```

        <option value="region" style="color: black;">alt</option>
    </select>
</td>
</tr>
<tr>
    <td class="col-25"><label>Destination</label></td>
    <td class="col-75">
        <select id="region" required>
            <option value="region" selected style="color: black;">India</option>
            <option value="region" style="color: black;">Mumbai</option>
            <option value="region" style="color: black;">Kanada</option>
            <option value="region" style="color: black;">England</option>
            <option value="region" style="color: black;">alt</option>
        </select>
    </td>
</tr>
<tr>
    <td class="col-25"><label>Scheduled Departure Time</label></td>
    <td class="col-75"> <input class="cols" type="time" placeholder=" Scheduled
Departure Time" required name="Departuretime" ><br></td>
</tr>
<tr>
    <td class="col-25"><label>Scheduled Arrival Time</label></td>
    <td class="col-75"> <input class="cols" type="time" placeholder="Scheduled Arrival
Time"required name="Arrivaltime" ><br></td>
</tr>
<tr>
    <td class="col-25"><label>Actual Departure Time</label></td>
    <td class="col-75"><input class="cols" type="time" placeholder="Actual Departure
Time" required name="Actualdeparturetime"> </td>
</tr>
</table>

```

```
<br><input class="button" type="submit" name="submit" ><br>
</form>
</body>
</html>
```

### **Result.php:**

```
<?php require_once "controllerUserData.php"; ?>
<?php
$email = $_SESSION['email'];
$password = $_SESSION['password'];
if($email != false && $password != false){
    $sql = "SELECT * FROM usertable WHERE email = '$email'";
    $run_sql = mysqli_query($con, $sql);
    if($run_sql){
        $fetch_info = mysqli_fetch_assoc($run_sql);
        $status = $fetch_info['status'];
        $code = $fetch_info['code'];
        if($status == "verified"){
            if($code != 0){
                header('Location: reset-code.php');
            }
        }else{
            header('Location: user-otp.php');
        }
    }
}else{
    header('Location: login-user.php');
}
?>
<!DOCTYPE html>
```



```
<html>

<head>

  <meta charset="UTF-8">

  <title><?php echo $fetch_info['name'] ?> | Home</title>


  <style>

    label{

      font-size:120%;

      color:#ffffff;

    }

    body{

      background-image: url('wallpaper (13).jpg');

      background-color: black;

      background-repeat: no-repeat;

background-attachment: fixed;
background-size: 100% 100%;

    }

    h1{

      text-align: center;

      color: white;

      font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif

    }

    .cols{

      width: 470px;

      height: 25px;

      border:none;

      font-size:large;

      background-color:transparent;

      margin:5px;

      box-sizing: border-box;
```

```
}  
.cont{  
    font-size:30px;  
    font-family:cursive;  
    color:#fdfdfd;  
    margin-top:100px;  
    margin-left:30px;  
}  
.cont1{  
    font-size:30px;  
    font-family:cursive;  
    color:#fdfdfd;  
    margin-top:100px;  
    margin-left:30px;  
}  
input{  
    color: rgb(255, 255, 255);  
}  
th{  
    font-size:1.39em;  
    text-align:center;  
    color:#fdfdfd;  
}  
input[type=submit] {  
    background-color: #04AA6D;  
    color:#fdfdfd;  
    padding: 12px 20px;  
    margin-left: 350px;  
    border: none;  
    border-radius: 4px;
```

```

    cursor: pointer;

    float: left;

    font-family: cursive;
}

input[type=text], select,
textarea,input[type=time],input[type=calendar],input[type=number], input[type=month] {

    width: 100%;

    padding: 12px;

    border: 1px solid #fdfdfd;

    border-radius: 4px;

    padding: 5px;
}

#region,#country{

    width: 100%;

    padding: 5px;

    border: 1px solid #fdfdfd;

    border-radius: 4px;

    font-family: cursive;

    font-size:medium;

    background-color:transparent;

    margin:5px;

    box-sizing:border-box;

    color:#fdfdfd;

}

.col-25 {

    float: left;

    margin-left: 100px;

    width: 30%;

    margin-top: 13px;

    font-family:cursive;

```

```
}
```

```
.col-75 {
```

```
    margin-left: 100px;
```

```
    width: 30%;
```

```
    float: left;
```

```
    margin-top: 13px;
```

```
    font-family:cursive;
```

```
    color: #fdfdfd;
```

```
}
```

```
.button:after {
```

```
    content: "";
```

```
    display: table;
```

```
    clear: both;
```

```
}
```

```
ul {
```

```
    list-style-type: none;
```

```
    margin:center;
```

```
    padding: 0;
```

```
    overflow: hidden;
```

```
}
```

```
li {
```

```
    float: left;
```

```
}
```

```
li a {
```

```
    display: block;
```

```
    color:#fdfdfd;
```

```
    text-align: center;
```

```
padding: 14px 16px;
```

```
text-decoration: none;
```

```
font-family: cursive;
```

```

}
li a:hover {
    background-color:#000000;
    width: auto;
}
</style>
</head>
<body>
<ul>
    <li style="color:#fdfdfd;font-family:cursive;font-weight: bolder;font-size: xx-
large;">FLIGHT DELAY DURATION</li>
    <li style="float:right"><a href="logout-user.php" >LogOut</a></li>
</ul>
<div class="cont">
    Actual Arrival Time :
</div>
<div class="cont1">
    Delay Time Duration :
</div>
</form>
</body>
</html>

```

### **Logout-user.php:**

```

<?php
session_start();
session_unset();
session_destroy();
header('location: login-user.php');
?>

```

## About.php:

```
<?php require_once "controllerUserData.php"; ?>

<?php

$email = $_SESSION['email'];

$password = $_SESSION['password'];

if($email != false && $password != false){

    $sql = "SELECT * FROM usertable WHERE email = '$email'";

    $run_sql = mysqli_query($con, $sql);

    if($run_sql){

        $fetch_info = mysqli_fetch_assoc($run_sql);

        $status = $fetch_info['status'];

        $code = $fetch_info['code'];

        if($status == "verified"){

            if($code != 0){

                header('Location: reset-code.php');

            }

        }else{

            header('Location: user-otp.php');

        }

    }

}else{

    header('Location: login-user.php');

}

?>

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

    <title><?php echo $fetch_info['name'] ?> | Home</title>
```

```
<style>
label{
  font-size:120%;
  color:#ffffff;
}
body{
  background-image: url('wallpaper (13).jpg');
  background-color: black;
  background-repeat: no-repeat;
background-attachment: fixed;
background-size: 100% 100%;
}
h1{
  text-align: center;
  color: white;
  font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif
}
.cols{
  width: 470px;
  height: 25px;
  border:none;
  font-size:large;
  background-color:transparent;
  margin:5px;
  box-sizing: border-box;
}
.cont{
  font-size:30px;
  font-family:cursive;
  color:#fdfdfd;
```

```
margin-top:25px;
margin-left:20px;
}
.cont1{
font-size:20px;
font-family:cursive;
color:#fdfdfd;
margin-top:30px;
margin-left:20px;
margin-right:700px;
}
input{
color: rgb(255, 255, 255);
}
th{
font-size:1.39em;
text-align:center;
color:#fdfdfd;
}
input[type=submit] {
background-color: #04AA6D;
color:#fdfdfd;
padding: 12px 20px;
margin-left: 350px;
border: none;
border-radius: 4px;
cursor: pointer;
float: left;
font-family: cursive;
}
```



```
input[type=text], select,
textarea,input[type=time],input[type=calendar],input[type=number], input[type=month] {

    width: 100%;

    padding: 12px;

    border: 1px solid #fdfdfd;

    border-radius: 4px;

    padding: 5px;
}
```

```
#region,#country{

    width: 100%;

    padding: 5px;

    border: 1px solid #fdfdfd;

    border-radius: 4px;

    font-family: cursive;

    font-size:medium;

    background-color:transparent;

    margin:5px;

    box-sizing:border-box;

    color:#fdfdfd;

}
```

```
.col-25 {

    float: left;

    margin-left: 100px;

    width: 30%;

    margin-top: 13px;

    font-family:cursive;

}
```

```
.col-75 {

    margin-left: 100px;

    width: 30%;
```

```
float: left;

margin-top: 13px;

font-family:cursive;

color: #fdfdfd;
}

.button:after {

    content: "";

    display: table;

    clear: both;
}

ul {

    list-style-type: none;

    margin:center;

    padding: 0;

    overflow: hidden;
}

li {

    float: left;
}

li a {

    display: block;

    color:#fdfdfd;

    text-align: center;

padding: 14px 16px;

    text-decoration: none;

    font-family: cursive;
}

li a:hover {

    background-color:#000000;

    width: auto;
```

```
}
    </style>
</head>
<body>
<ul>
    <li style="color:#fdfdfd;font-family:cursive;font-weight: bolder;font-size: xx-
large;">FLIGHT DELAY DURATION</li>
    <li style="float:right"><a href="logout-user.php" >LogOut</a></li>
</ul>
<div class="cont">
    Developing A Flight Delay Prediction Model Using Machine Learning
</div>
<div class="cont1" >

</div>
    </form>

</body>
</html>
```