



**VIT<sup>®</sup>**  
**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

**ITE1002 - WEB TECHNOLOGIES – J-COMPONENT**

**DIGITAL ASSIGNMENT –1**

**TITLE – FLIGHT BOOKING WEBSITE:**

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## **ABSTRACT:**

Flight Booking System is a computerized system used to store and retrieve information and conduct transactions related to air travel. The project is aimed at exposing the relevance and importance of Airline Reservation Systems. It is projected towards enhancing the relationship between customers and airline agencies through the use of ARSs, and thereby making it convenient for the customers to book the flights as when they require such that they can utilize this software to make reservations. This software has two parts. First is user part and the administrator part. User part is used as a front end and administrator is the back end. Administrator is used by airline authority. It will allow the customers to access database and allow new customers to sign up for online access. The system allows the airline passenger to search for flights that are available between the two travel cities, namely the "Departure city" and "Arrival city" for a particular departure and arrival dates. The system displays all the flight's details such as flight no, name, price and duration of journey etc. After search the system display list of available flights and allows customer to choose a particular flight. Then the system checks for the availability of seats on the flight. If the seats are available then the system allows the passenger to book a seat. Otherwise it asks the user to choose another flight. To book a flight the system asks the customer to enter his details such as name, address, city, state, and credit card number and contact number. Then it checks the validity of card and book the flight and update the airline database and user database. The system also allows the customer to cancel his/her reservation, if any problem occurs. The main purpose of this software is to reduce the manual errors involved in the airline reservation process and make it convenient for the customers to book the flights as when they require such that they can utilize this software to make reservations, modify reservations or cancel a particular reservation.

## WEBSITE CONTENTS:

### (1) SIGNUP PAGE

#### CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>AirNav.com - airline tickets, cheap flights</title>
    <meta name="language" content="english" />
    <meta name="keywords" content="AirNav, travel, cheap airfare, discount
airfare" />
    <meta http-equiv="content-type" content="text/html; charset=utf-8" />
    <meta http-equiv="Content-Style-Type" content="text/css" />
    <meta name="viewpoint" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
    <link rel="shortcut icon" type="image/x-icon"
href="https://lh3.googleusercontent.com/-
HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-
3.PNG" />
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
    <script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
    <link rel="stylesheet" href="forcompany.css">
    <link rel="stylesheet" href="AdminSignin.css">
    <link rel="stylesheet" href="pswd.css">
    <link rel="stylesheet" href="manda.css">
    <script src="pswd.js"></script>
    <script src="manda.js"></script>
    <script src="formValidation.js"></script>
    <script src="checkUser.js"></script>
    <script src="login.js"> </script>
</head>
<body id="signUpPage" data-spy="scroll" data-target=".navbar" data-offset="60">
    <nav class="navbar navbar-default navbar-fixed-top">
        <div class="container">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
                    <span class="icon-bar"></span>
```

```

        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="homepage.html"><span
class="glyphicon glyphicon-home"></span> Home</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
    <ul class="nav navbar-nav navbar-right">
        <li id = "cart">
            <a class="navbar-brand"
href="cartshow.php"><span class="glyphicon glyphicon-shopping-cart"></span>
Shopping Cart</a>
        </li>

        <li class="dropdown" id = "new">
            <a class="dropdown-toggle" data-
toggle="dropdown" href="#"><span class="glyphicon glyphicon-user"> Sign
in&nbsp;</span><span class="caret"></span>
            </a>
            <ul class="dropdown-menu multi-level"
role="menu" aria-labelledby="dropdownMenu">
                <li><a href="signup.html">Register</a></li>

                <li class="dropdown-submenu">
                    <a tabindex="-1" href="#">Sign in</a>
                    <ul class="dropdown-menu">
                        <li><a tabindex="-1"
href="Adminpage.html">Manager Sign in</a></li>
                        <li><a
href="customersignin.html">Customer Sign in</a></li>
                    </ul>
                </li>

            </ul>
        </li>

        <li>
            <ul>
                </ul>
            </li>
        </li>
        <li class="dropdown" id = "old">
            <a class="dropdown-toggle" data-
toggle="dropdown" href="#" ><span class="glyphicon glyphicon-user"
id="wuser">Welcom!</span>
            <span class="caret"></span>
            </a>

```

```

        <ul class="dropdown-menu multi-level"
role="menu" aria-labelledby="dropdownMenu">
            <li><a
href="showhistory.php">History</a></li>
            <li><a href="#" id="logout">Sign
out</a></li>
        </ul>
    </li>
</ul>
</div>
</div>
</nav>
<div class="jumbotron text-center">
    <h1>AirNav.com</h1>
    <p>We specialize in your air plan!</p>
</div>

<div class="container">
    <div class="page-header">
        <h2>Sign Up</h2>
    </div>
    <form name="myForm" onsubmit="return validateForm()" class="form-
horizontal" role="form" action="register.php" method="post">
        <div class="form-group">
            <label class="control-label col-sm-2" for="username"><span
style="color:red;">*</span> Username:</label>
            <div class="col-sm-6">
                <input type="username" class="form-control"
id="username" placeholder="only alphabetical or numeric characters"
name="username">
            </div>
            <div class="col-sm-2">
                <input type="button" class="btn btn-success btn-block"
id="check_username_availability" value="Check Availability">
            </div>
            <span class="error">Username is required</span>
        </div>
        <div class="form-group">
            <div class="col-sm-offset-2 col-sm-6"
id="username_availability_result">
                </div>
            </div>
        <div class="form-group">

```

```

        <label class="control-label col-sm-2" for="pwd1"><span
style="color:red;">*</span> Password:</label>
        <div class="col-sm-6">
            <input type="password" class="form-control"
id="pwd1" placeholder="No special characters, at least one letter, one capital
letter, one number" name="pwd1">
        </div>
        <span class="error">Password is required</span>
    </div>
    <div class="form-group" id="pswd_info">
        <h4>Password must meet the following requirements:</h4>
        <ul>
            <li id="letter" class="invalid">At least one letter</li>
            <li id="capital" class="invalid">At least one capital
letter</li>
            <li id="number" class="invalid">At least one
number</li>
            <li id="length" class="invalid">At least 6 characters</li>
        </ul>
    </div>
    <div class="form-group">
        <label class="control-label col-sm-2" for="firstname"><span
style="color:red;">*</span> First Name:</label>
        <div class="col-sm-6">
            <input type="firstname" class="form-control"
id="firstname" placeholder="Enter Your First Name" name="firstname">
        </div>
        <span class="error">First Name is required</span>
    </div>
    <div class="form-group">
        <label class="control-label col-sm-2"
for="middlename">Middle Name:</label>
        <div class="col-sm-6">
            <input type="middlename" class="form-control"
id="middlename" name="middlename" placeholder="Enter Your Middle Name">
        </div>
    </div>
    <div class="form-group">
        <label class="control-label col-sm-2" for="lastname"><span
style="color:red;">*</span> Last Name:</label>
        <div class="col-sm-6">
            <input type="lastname" class="form-control"
id="lastname" placeholder="Enter Your Last Name" name="lastname">
        </div>
        <span class="error">Last Name is required</span>
    </div>

```

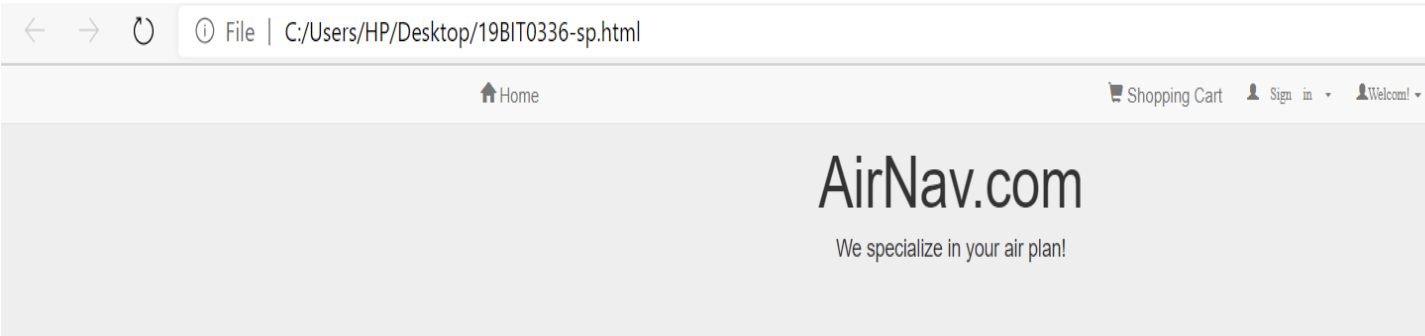
```

        </div>
        <div class="form-group">
            <label class="control-label col-sm-2" for="email"><span
style="color:red;">*</span> Email:</label>
            <div class="col-sm-6">
                <input type="email" class="form-control" id="email"
placeholder="Enter Your Email" name="email">
            </div>
            <span class="error">Email is required</span>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="gender">Gender:</label>
            <div class="col-sm-6">
                <label class="radio-inline">
                    <input type="radio" name="gender"
value="Female">Female
                </label>
                <label class="radio-inline">
                    <input type="radio" name="gender"
value="Male">Male
                </label>
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="birthday">Birthday:</label>
            <div class="col-sm-6">
                <input type="date" class="form-control" id="birthday"
name="birthday">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2" for="tel"><span
style="color:red;">*</span> Phone:</label>
            <div class="col-sm-6">
                <input type="tel" class="form-control" id="tel"
placeholder="Enter Your Phone Number" name="tel">
            </div>
            <span class="error">Phone is required</span>
        </div>

        <div class="form-group">
            <div class="col-sm-offset-2 col-sm-6">
                <button type="submit" class="btn btn-primary btn-

```

```
block" name="btn-signup" id="signup">Sign Up</button>
    </div>
</div>
</form>
<br /><br /><br />
</div>
<footer class="container-fluid text-center">
    <a href="#signUpPage" title="To Top">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a>
    <p>AirNav.com</p>
</footer>
</body>
</html>
```



### Sign Up

\* Username:

Check Availability

Username is required

\* Password:

Password is required

Password must meet the following requirements:

- At least one letter
- At least one capital letter
- At least one number
- At least 6 characters

\* First Name:

First Name is required

Middle Name:

\* Last Name:

Last Name is required

\* Email:

Email is required

Gender:

☐ Female

☐ Male

Birthday:

\* Phone:

Phone is required

Sign Up



## (2) SIGN-IN PAGE:

### CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>AirNav.com - airline tickets, cheap flights</title>
<meta name="language" content="english" />
<meta name="keywords" content="AirNav, travel, cheap airfare, discount airfare" />
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<meta http-equiv="Content-Style-Type" content="text/css" />
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
<link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-
HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
<link rel="stylesheet" href="forcompany.css">
<link rel="stylesheet" href="customersignin.css">
<link rel="stylesheet" href="AdminSignin.css">
<script src="login.js"> </script>
</head>
<body id="signUpPage" data-spy="scroll" data-target=".navbar" data-offset="60">
<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-home"></span>
Home</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
<ul class="nav navbar-nav navbar-right">
<li id = "cart">
<a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-cart"></span>
Shopping Cart</a>
</li>
<li class="dropdown" id = "new">
<a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon glyphicon-user">
Sign in&nbsp;</span><span class="caret"></span>
</a>
```

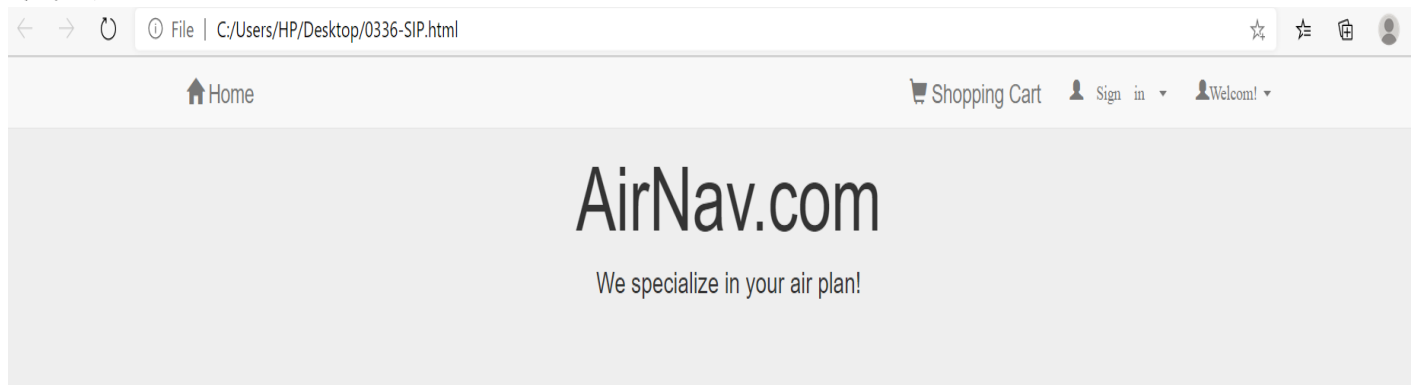
```

<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
<li><a href="signup.html">Register</a></li>
<li class="dropdown-submenu">
<a tabindex="-1" href="#">Sign in</a>
<ul class="dropdown-menu">
<li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
<li><a href="customersignin.html">Customer Sign in</a></li>
</li>
</ul>
</li>
</ul>
</li>
</ul>
</li>
<li class="dropdown" id = "old">
<a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon glyphicon-user"
id="wuser">Welcom!</span>
<span class="caret"></span>
</a>
<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
<li><a href="showhistory.php">History</a></li>
<li><a href="#" id="logout">Sign out</a></li>
</ul>
</li>
</ul>
</div>
</div>
</nav>
<div class="jumbotron text-center">
<h1>AirNav.com</h1>
<p>We specialize in your air plan!</p>
</div>
<div class="container" id="signin">
<h2>Welcome , please sign-in.</h2>
<p>We want your visit to be fast and easy. Please enter your username and password to get started. If you
need to set up your profile, please <a href="signup.html">register now</a>.</p>
<form action="login.php" method="post">
<div class="container" id="main">
<h3>Your username:</h3>
<input type="text" class="form-control" id="username" placeholder="Enter Your Username"
name="username" required>
<h3>Your password:</h3>
<input type="password" class="form-control" id="pwd" placeholder="Enter Your Password" name="pwd"
required>
</div>
<br />

```

```
<div class="col-sm-offset-2 col-sm-6">
<div class="checkbox">
<label><input type="checkbox"> Remember my username when I return</label>
</div>
</div>

<div class="col-sm-offset-2 col-sm-8">
<button type="submit" class="btn btn-success btn-block" name="btn-login">Sign In</button>
</div>
</form>
</div>
<br /><br />
<footer class="container-fluid text-center">
<a href="#signUpPage" title="To Top">
<span class="glyphicon glyphicon-chevron-up"></span>
</a>
<p>AirNav.com</p>
</footer>
</body>
</html>
```



Welcome , please sign-in.

We want your visit to be fast and easy. Please enter your username and password to get started. If you need to set up your profile, please [register now](#).

Your username:

Your password:

☐ Remember my username when I return

Sign In

### (3) ADMIN-PAGE:

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>AirNav Company</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="shortcut icon" type="image/x-icon"
href="https://lh3.googleusercontent.com/-
HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAAcM/thmMtUUPjbA/Blue_square_
A-3.PNG" />
    <link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
    <script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"><
/script>
    <link rel="stylesheet" href="forcompany.css">
    <link rel="stylesheet" href="AdminSignin.css">
    <script src="jquery-1.9.1.min.js"></script>
    <script src="Admin.js"></script>

</head>
<body>
    <nav class="navbar navbar-default navbar-fixed-top">
        <div class="container">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand"
href="homepage.html"><span class="glyphicon glyphicon-home"></span>
Home</a>
```

```

        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
            <ul class="nav navbar-nav navbar-right">
                <li class="dropdown">
                    <a class="dropdown-toggle" data-
toggle="dropdown" href="homepage.html"><span class="glyphicon
glyphicon-user"> Sign out&nbsp;</span>
                </a>
            </li>
        </ul>
    </div>
</div>
</nav>
<div class="jumbotron text-center">
    <h1>AirNav.com</h1>
    <p>We specialize in your air plan!</p>
</div>

<div class="container">

    <div class="btn-group btn-group-justified">
        <div class="btn btn-primary" id="a">Add</div>
        <div class="btn btn-primary" id="u">Update</div>
        <div class="btn btn-primary" id="d">Delete</div>
    </div>
    <hr />
    <div id = "add">
        <form class="form-horizontal" role="form" id="addf">
            <div class="form-group">
                <label class="control-label col-sm-2"
for="flightno2">Flight No.</label>
                <div class="col-sm-6">
                    <input type="flightno" class="form-control"
id="flightno2" placeholder="" name="flightno">
                </div>
            </div>
        </form>
    </div>
    <div class="form-group">
        <label class="control-label col-sm-2"

```

```

for="airplaneid2">Airplane ID</label>
    <div class="col-sm-6">
        <input type="airplaneid" class="form-control"
id="airplaneid2" placeholder="" name="airplaneid">
    </div>
    <label class="control-label col-sm-1" for="airpiddetail"
id = "ad1"><font color="gray">details</font></label>
    <div class="col-sm-3" id = "detail">
    </div>
</div>
<div class="form-group">
    <label class="control-label col-sm-2"
for="departure">Departure Airport</label>
    <div class="col-sm-6">
        <input type="departure" class="form-control"
id="departure2" placeholder="" name="departure">
    </div>
    <label class="control-label col-sm-1"
for="dairportdetail" id="ad2" ><font color="gray">details</font></label>
    <div class="col-sm-3" id = "adetail2">
    </div>
</div>
<div class="form-group">
    <label class="control-label col-sm-2"
for="dtime">Departure Time</label>
    <div class="col-sm-6">
        <input type="dtime" class="form-control"
id="dtime2" placeholder="" name="dtime">
    </div>
</div>
<div class="form-group">
    <label class="control-label col-sm-2"
for="arrival">Arrival Airport</label>
    <div class="col-sm-6">
        <input type="arrival" class="form-control"
id="arrival2" placeholder="" name="arrival">
    </div>
    <label class="control-label col-sm-1"
for="dairportdetail" id="ad3" ><font color="gray">details</font></label>
    <div class="col-sm-3" id = "adetail3">
    </div>

```

```
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="atime">Arrival Time</label>
            <div class="col-sm-6">
                <input type="atime" class="form-control"
id="atime2" placeholder="" name="atime">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="ecapacity">Economy Capacity</label>
            <div class="col-sm-6">
                <input type="ecapacity" class="form-control"
id="ecapacity2" placeholder="" name="ecapacity">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="eprice">Economy Price</label>
            <div class="col-sm-6">
                <input type="eprice" class="form-control"
id="eprice2" placeholder="" name="eprice">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="bcapacity">Business Capacity</label>
            <div class="col-sm-6">
                <input type="bcapacity" class="form-control"
id="bcapacity2" placeholder="" name="bcapacity">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="bprice">Business Price</label>
            <div class="col-sm-6">
                <input type="bprice" class="form-control"
id="bprice2" placeholder="" name="bprice">
            </div>
        </div>
```

```

        <br />
        <div class="form-group">
            <div class="col-sm-offset-2 col-sm-6">
                <input type = "button" class="btn btn-primary btn-
block" name="btn-submit" id="ad" value = "submit" />
            </div>
        </div>
    </form>
</div>
<div id = "update">
    <form class="form-horizontal" role="form">
        <div class="form-group">
            <label class="control-label col-sm-2"
for="number">Flight No.</label>
            <div class="col-sm-6">
                <input type="flightno" class="form-control"
name="number" id="number" placeholder="">

            </div>
            <div class="col-sm-2">
                <input type="button" class="btn btn-success btn-
block" name="search" id="search" value = "search flight" />
            </div>
        </div>
    </form>
    <form class="form-horizontal" role="form" id="result">
        <div class="form-group">
            <label class="control-label col-sm-2"
for="flightno">Flight No.</label>
            <div class="col-sm-6">
                <input type="flightno" class="form-control"
id="flightno1" placeholder="" name="flightno">

            </div>

        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="airplaneid">Airplane ID</label>
            <div class="col-sm-6">

```



```

        <input type="airplaneid" class="form-control"
id="airplaneid1" placeholder="" name="airplaneid">
    </div>

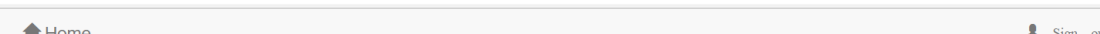
    <label class="control-label col-sm-1"
for="dairportdetail" id="ud1" ><font color="gray">details</font></label>
    <div class="col-sm-3" id = "detail1">
    </div>
</div>
<div class="form-group">
    <label class="control-label col-sm-2"
for="departure">Departure Airport</label>
    <div class="col-sm-6">
        <input type="departure" class="form-control"
id="departure1" placeholder="" name="departure">
    </div>
    <label class="control-label col-sm-1"
for="dairportdetail" id="ud2" ><font color="gray">details</font></label>
    <div class="col-sm-3" id = "udetail2">
    </div>
</div>
<div class="form-group">
    <label class="control-label col-sm-2"
for="dtime">Departure Time</label>
    <div class="col-sm-6">
        <input type="dtime" class="form-control"
id="dtime1" placeholder="" name="dtime">
    </div>
</div>
<div class="form-group">
    <label class="control-label col-sm-2"
for="arrival">Arrival Airport</label>
    <div class="col-sm-6">
        <input type="arrival" class="form-control"
id="arrival1" placeholder="" name="arrival">
    </div>
    <label class="control-label col-sm-1"
for="dairportdetail" id="ud3" ><font color="gray">details</font></label>
    <div class="col-sm-3" id = "udetail3">
    </div>
</div>

```

```

        <div class="form-group">
            <label class="control-label col-sm-2"
for="atime">Arrival Time</label>
            <div class="col-sm-6">
                <input type="atime" class="form-control"
id="atime1" placeholder="" name="atime">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="ecapacity">Economy Capacity</label>
            <div class="col-sm-6">
                <input type="ecapacity" class="form-control"
id="ecapacity1" placeholder="" name="ecapacity">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="eprice">Economy Price</label>
            <div class="col-sm-6">
                <input type="eprice" class="form-control"
id="eprice1" placeholder="" name="eprice">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="bcapacity">Business Capacity</label>
            <div class="col-sm-6">
                <input type="bcapacity" class="form-control"
id="bcapacity1" placeholder="" name="bcapacity">
            </div>
        </div>
        <div class="form-group">
            <label class="control-label col-sm-2"
for="bprice">Business Price</label>
            <div class="col-sm-6">
                <input type="bprice" class="form-control"
id="bprice1" placeholder="" name="bprice">
            </div>
        </div>

```



File | C:/Users/HP/Desktop/0336-AP.html

Home

Sign out

# AirNav.com

We specialize in your air plan!

Add		Update		Delete	
Flight No.	<input type="text"/>				
Airplane ID	<input type="text"/>			details	
Departure Airport	<input type="text"/>			details	
Departure Time	<input type="text"/>				
Arrival Airport	<input type="text"/>			details	
Arrival Time	<input type="text"/>				
Economy Capacity	<input type="text"/>				
Economy Price	<input type="text"/>				

Submit

Flight No.

search flight

Flight No.

Airplane ID

details

Departure Airport

details

Departure Time

Arrival Airport

details

Arrival Time

Economy Capacity

Economy Price

Business Capacity

Business Price

Update

Delete



# HOMEPAGE: SEARCH FLIGHTS

CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>AirNav Company</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />

<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>

<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="forcompany.css">

<link rel="stylesheet" href="homepage.css">

<link rel="stylesheet" href="AdminSignin.css">

<script src="login.js"> </script>

<script src="jump.js"> </script>

</head>

<body>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">

<span class="icon-bar"></span>

<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
</button>
```

```
<a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-home"></span> Home</a>
```

```
</div>
```

```
<div class="collapse navbar-collapse" id="myNavbar">
```

```
<ul class="nav navbar-nav navbar-right">
```

```
<li id = "cart">
```

```
<a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-cart"></span> Shopping Cart</a>
```

```
</li>
```

```
<li class="dropdown" id = "new">
```

```
<a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon glyphicon-user"> Sign in&nbsp;</span><span class="caret"></span>
```

```
</a>
```

```
<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
```

```
<li><a href="signup.html">Register</a></li>
```

```
<li class="dropdown-submenu">
```

```
<a tabindex="-1" href="#">Sign in</a>
```

```
<ul class="dropdown-menu">
```

```
<li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
```

```
<li><a href="customersignin.html">Customer Sign in</a></li>
```

```
</li>
```

```
</ul>
```

</li>

</ul>

</li>

<li class="dropdown" id = "old">

<a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon glyphicon-user" id="wuser">Welcome!</span>

<span class="caret"></span>

</a>

<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">

<li><a href="showhistory.php">History</a></li>

<li><a href="#" id="logout">Sign out</a></li>

</ul>

</li>

</ul>

</div>

</div>

</nav>

<div class="jumbotron text-center">

<h1>AirNav.com</h1>

<p>We specialize in your air plan!</p>

</div>

<div class="container" id="homepage">

<h1><b>Search Flights</b></h1>

<br />

<p><b>Choose yourflight option</b></p>

<div class="btn-group btn-group-justified">

<div class="btn-group">

```
<button id="button1" type="button" href="#oneway" class="btn btn-primary">One-  
way</button>
```

```
</div>
```

```
<div class="btn-group">
```

```
<button id="button2" type="button" href="#roundtrip" class="btn btn-primary">Round-  
trip</button>
```

```
</div>
```

```
<div class="btn-group">
```

```
<button id="button3" type="button" href="#all" class="btn btn-primary">Search all  
flights</button>
```

```
</div>
```

```
</div>
```

```
<hr />
```

```
<div id="oneway">
```

```
<form role="form" action="SearchResultOneway.php" method="post">
```

```
<div class="row">
```

```
<div class="col-sm-6">
```

```
<label for="from">From:</label>
```

```
<input type="text" class="form-control" id="from" name="from" placeholder="City or  
Code" required>
```

```
</div>
```

```
<div class="col-sm-6">
```

```
<label for="to">To:</label>
```

```
<input type="text" class="form-control" id="to" name="to" placeholder="City or Code"  
required>
```

```
</div>
```

```
</div>
```

```
<hr >
```

```
<div class="row">
```

```
<div class="col-sm-6">
```

```
<label for="depart">Depart:</label>
```



```
<input type="date" class="form-control" id="depart" name="depart" required>
</div>
</div>
<div class="row">
<hr >
<div class="col-sm-6">
<label for="class">Class:</label>
<select class="form-control" name="class">
<option value="Economy">Economy</option>
<option value="Business">Business</option>
</select>
</div>
</div>
<br>
<div class="row">
<div class="col-sm-6">
<label class="radio-inline">
<input type="radio" name="stop" value="nonstop" checked>Non-Stop
</label>
<label class="radio-inline">
<input type="radio" name="stop" value="1stop">1 Stop
</label>
</div>
</div>
<br>
<div class="btn-group btn-group-justified">
<div class="btn-group">
<button type="submit" class="btn btn-success">Submit</button>
</div>
```

```
<div class="btn-group">
<button type="reset" class="btn btn-info" value="Reset">Reset</button>
</div>
</div>
</form>
</div>
```

```
<div id="roundtrip">
<form role="form" action="SearchResultRoundtrip.php" method="post">
<div class="row">
<div class="col-sm-6">
<label for="from">From:</label>
<input type="text" class="form-control" id="from" name="from" placeholder="Code "
required>
</div>
<div class="col-sm-6">
<label for="to">To:</label>
<input type="text" class="form-control" id="to" name="to" placeholder="Code "
required>
</div>
</div>
</div>
<hr >
<div class="row">
<div class="col-sm-6">
<label for="depart">Depart:</label>
<input type="date" class="form-control" id="depart" name="depart" required>
</div>
<div class="col-sm-6">
<label for="return">Return:</label>
```

```
<input type="date" class="form-control" id="return" name="return" required>
</div>
</div>
<hr>
<div class="row">
<div class="col-sm-6">
<label for="class">Class:</label>
<select class="form-control" name="class">
<option value="Economy">Economy</option>
<option value="Business">Business</option>
</select>
</div>
</div>
<br>
<div class="form-group">
<label class="radio-inline">
<input type="radio" name="stop" value="nonstop" checked>Non-Stop
</label>
</div>
<div class="btn-group btn-group-justified">
<div class="btn-group">
<button type="submit" class="btn btn-success">Submit</button>
</div>
<div class="btn-group">
<button type="reset" class="btn btn-info" value="Reset">Reset</button>
</div>
</div>
</form>
</div>
```

```
<div id="all">
<form role="form" action="SearchResultAll.php" method="post">
<div class="row">
<div class="col-sm-6">
<label for="selectdate">Select a date:</label>
<input type="date" class="form-control" id="selectdate" name="selectdate" required>
</div>
</div>
<br>
<div class="row">
<div class="col-sm-6">
<button type="submit" class="btn btn-primary">Show ALL</button>
</div>
</div>
</form>
</div>
</div>
```

```
<footer class="container-fluid text-center">
<a href="#signUpPage" title="To Top">
<span class="glyphicon glyphicon-chevron-up"></span>
</a>
<p>AirNav.com</p>
</footer>
</body>
</html>
```

# AirNav.com

We specialize in your air plan!

## Search Flights

Choose your flight option

One-way

Round-trip

Search all flights

From:

City or Code

To:

City or Code

Depart:

dd-mm-yyyy



Class:

Economy



☒ Non-Stop ☐ 1 Stop

☒ Non-Stop ☐ 1 Stop

Submit

Reset

From:

Code

To:

Code

Depart:

dd-mm-yyyy



Return:

dd-mm-yyyy



Class:

Economy



☒ Non-Stop

Submit

Reset

Select a date:

dd-mm-yyyy



Show ALL



AirNav.com

# PHP+MySQL CODING:

## ADMIN PAGE:

```
<?php
$flightno = $_GET['flightno'];
$airplaneid = $_GET['airplaneid'];
$departure = $_GET['departure'];
$dtime = $_GET['dtime'];
$arrival = $_GET['arrival'];
$atime = $_GET['atime'];
$ec = $_GET['ec'];
$ep = $_GET['ep'];
$bc = $_GET['bc'];
$bp = $_GET['bp'];
include_once 'dbconnect.php';
$sql = "INSERT INTO flight VALUES( '$flightno', '$airplaneid', '$departure', '$dtime', '$arrival', '$atime' )";
if(! mysqli_query($conn, $sql))
{
    echo "Errormessage: ".mysqli_error($conn)."\n";
}
$sql = "INSERT INTO class VALUES( '$flightno', 'Economy', '$ec', '$ep')";
if(! mysqli_query($conn, $sql))
{
    echo "Errormessage: ".mysqli_error($conn)."\n";
}
$sql = "INSERT INTO class VALUES('$flightno', 'Business', '$bc', '$bp')";
if(! mysqli_query($conn, $sql))
{
    echo "Errormessage: ".mysqli_error($conn)."\n";
}
echo 0;

mysqli_close($conn);

?>
```

## ADMIN DELETE:

```
<?php
$flightno = $_GET['flightno'];

include_once 'dbconnect.php';

$sql = "DELETE FROM flight WHERE number = '$flightno'";
if(! mysqli_query($conn, $sql))
{
    echo "Errormessage: ".mysqli_error($conn)."\n";
}
else
{
    echo "Deleted!";
}
```

```
}
```

```
mysqli_close($conn);
```

```
?>
```

ADMIN-DETAIL1:

```
<?php
```

```
include_once 'dbconnect.php';
```

```
$sql = "SELECT * FROM airplane";
```

```
if(! ($result = mysqli_query($conn, $sql)))
```

```
{
```

```
    echo "Errormessage: ".mysqli_error($conn)."\n";
```

```
}
```

```
else
```

```
{
```

```
    echo "<table>
```

```
        <tr><th>ID</th>
```

```
        <th>Type</th>
```

```
        <th>Company</th></tr>";
```

```
    while($row = mysqli_fetch_array($result))
```

```
    {
```

```
        echo "<tr><td>".$row['ID']. "</td><td>".$row['type']. "</td><td>".$row['company']. "</td></tr>";
```

```
    }
```

```
    echo "</table>";
```

```
}
```

```
mysqli_close($conn);
```

```
?>
```

ADMIN-DETAIL2:

```
<?php
```

```
include_once 'dbconnect.php';
```

```
$sql = "SELECT * FROM airport";
```

```
if(! ($result = mysqli_query($conn, $sql)))
```

```
{
```

```
    echo "Errormessage: ".mysqli_error($conn)."\n";
```

```
}
```

```
else
```

```
{
```

```
    echo "<table>
```

```
        <tr><th>code</th>
```

```
        <th>name</th>
```

```
        </tr>";
```

```
    while($row = mysqli_fetch_array($result))
```

```
    {
```

```
        echo "<tr><td>".$row['code']. "</td><td>".$row['name']. "</td></tr>";
```

```
    }
```

```
    echo "</table>";
```

```
}
```

```
mysqli_close($conn); ?>
```

#### ADMIN SEARCH:

```
<?php
$flightno = $_GET['flightno'];
include_once 'dbconnect.php';

$var = array();
$sql = "SELECT * FROM flight WHERE flight.number = '$flightno'";
if(! ($result = mysqli_query($conn, $sql)))
{
    echo "Errormessage: ".mysqli_error($conn)."\n";
}
else
{
    while($row = mysqli_fetch_object($result))
    {
        $var[] = $row;
    }
    echo '{"flights":'.json_encode($var).' , ' ;
}

$var2 = array();
$sql = "SELECT * FROM class WHERE number = '$flightno'";
if(! ($result = mysqli_query($conn, $sql)))
{
    echo "Errormessage: ".mysqli_error($conn)."\n";
}
else
{
    while($row = mysqli_fetch_object($result))
    {
        $var2[] = $row;
    }
    echo '"classes":'.json_encode($var2).'}';
}

mysqli_close($conn);
```

?>

#### ADMIN-UPDATE:

```
<?php
$flightno = $_GET['flightno'];
$airplaneid = $_GET['airplaneid'];
$departure = $_GET['departure'];
$dtime = $_GET['dtime'];
$arrival = $_GET['arrival'];
$atime = $_GET['atime'];
$ec = $_GET['ec'];
$ep = $_GET['ep'];
$bc = $_GET['bc'];
$bp = $_GET['bp'];

include_once 'dbconnect.php';

$sql = "UPDATE flight SET airplane_id = '$airplaneid', departure = '$departure', d_time = '$dtime', arrival = '$arrival', a_time = '$atime' WHERE number = '$flightno'";
if(! mysqli_query($conn, $sql))
{
```



```

        echo "\nErrormessage: ".mysqli_error($conn)."\n";
    }
    $sql = "UPDATE class SET capacity = '$ec', price = '$ep' WHERE number = '$flightno' AND name = 'Economy'";
    if(! mysqli_query($conn, $sql))
    {
        echo "\nErrormessage: ".mysqli_error($conn)."\n";
    }
    $sql = "UPDATE class SET capacity = '$bc', price = '$bp' WHERE number = '$flightno' AND name = 'Business'";
    if(! mysqli_query($conn, $sql))
    {
        echo "Errormessage: ".mysqli_error($conn)."\n";
    }
    echo 0;

mysqli_close($conn);

?>

```

SQL code:

```
DROP TABLE IF EXISTS `airplane`;
```

```
CREATE TABLE `airplane` (
  `ID` varchar(10) NOT NULL,
  `type` varchar(10) NOT NULL,
  `company` varchar(20) NOT NULL,
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
LOCK TABLES `airplane` WRITE;
INSERT INTO `airplane` VALUES ('1247','B745','Boeing'),('1101','A322','Airbus');
UNLOCK TABLES;
```

```
DROP TABLE IF EXISTS `airport`;
```

```
CREATE TABLE `airport` (
  `code` varchar(10) NOT NULL,
  `name` varchar(50) NOT NULL,
  `city` varchar(20) NOT NULL,
  `state` varchar(20) NOT NULL,
  `country` varchar(20) NOT NULL,
  PRIMARY KEY (`code`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
LOCK TABLES `airport` WRITE;
INSERT INTO `airport` VALUES ('NGP','Dallas fields','Dallas','Texas','USA'),('DFW','Dallas Fort Worth Airport','Dallas','Texas','USA'),('LAX','Los Angeles International Airport','Los Angeles','California','USA'),('SEA','Seattle-Tacoma International Airport','Seattle','Washington','USA'),('SFO','San Francisco International','San Francisco','California','USA');
UNLOCK TABLES;
```

```
DROP TABLE IF EXISTS `book`;
CREATE TABLE `book` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
```

```

`time` datetime NOT NULL,
`date` date NOT NULL,
`flightno` varchar(10) NOT NULL,
`username` varchar(45) NOT NULL,
`classtype` varchar(20) NOT NULL,
`paid` int(1) DEFAULT '0',
PRIMARY KEY (`ID`, `flightno`),
KEY `username_idx` (`username`),
KEY `classname_idx` (`classtype`),
KEY `flightno_idx` (`flightno`, `classtype`),
CONSTRAINT `flightno` FOREIGN KEY (`flightno`, `classtype`) REFERENCES `class` (`number`, `name`)
ON DELETE CASCADE ON UPDATE CASCADE,
CONSTRAINT `username` FOREIGN KEY (`username`) REFERENCES `passanger` (`username`) ON
DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=68 DEFAULT CHARSET=latin1;

```

```

LOCK TABLES `book` WRITE;

```

```

INSERT INTO `book` VALUES (1,'2020-12-01 17:22:00','2020-12-01','AA986','song','Economy',0),(2,'2020-
12-01 17:23:00','2020-12-01','AA986','song','Economy',1),(3,'2020-12-01 17:24:00','2020-12-
02','AA986','abc','Economy',0),(4,'2020-12-01 17:25:00','2020-12-01','AA986','song','Business',1),(5,'2020-12-
01 17:26:00','2020-12-01','AA986','abc','Business',1),(6,'2020-12-01 17:27:00','2020-12-
01','AA986','abc','Business',1),(7,'2020-12-01 17:27:00','2020-12-01','AA1512','song','Economy',1),(8,'2020-
12-02 04:22:32','2020-12-02','AA986','song','Economy',0),(9,'2020-12-02 04:26:29','2020-12-
02','AA120','song','Economy',0),(10,'2020-12-02 04:26:29','2020-12-02','AA100','song','Economy',0),(11,'2020-
12-02 04:27:36','2020-12-02','AA1512','abc','Economy',0),(12,'2020-12-02 04:27:36','2020-12-
03','AA1512','abc','Economy',0),(13,'2020-12-02 05:55:15','2020-12-02','AA1512','abc','Economy',1),(14,'2020-
12-02 05:55:15','2020-12-03','AA1512','abc','Economy',1),(15,'2020-12-02 05:57:27','2020-12-
02','AA1512','abc','Economy',1),(16,'2020-12-02 05:57:27','2020-12-03','AA1512','abc','Economy',1),(17,'2020-
12-02 05:58:11','2020-12-02','AA1512','abc','Economy',1),(18,'2020-12-02 05:58:11','2020-12-
03','AA1512','abc','Economy',1),(19,'2020-12-02 06:05:52','2020-12-
02','AA6861','song','Economy',0),(20,'2020-12-02 11:46:57','2020-12-
02','AA100','song','Business',0),(21,'2020-12-02 11:56:31','2020-12-02','AA986','song','Economy',0),(22,'2020-
12-02 01:24:08','2020-12-02','AA120','xianchu','Economy',1),(23,'2020-12-02 01:24:08','2020-12-
02','AA100','xianchu','Economy',1),(24,'2020-12-02 01:24:42','2020-12-
02','AA6861','xianchu','Economy',1),(25,'2020-12-02 01:26:46','2020-12-
02','AA986','xianchu','Economy',1),(26,'2020-12-02 01:26:46','2013-12-
03','AA986','xianchu','Economy',1),(27,'2020-12-02 02:34:02','2020-12-
02','AA986','song','Economy',0),(28,'2020-12-02 02:34:02','2020-12-
02','AA6927','song','Economy',0),(29,'2020-12-06 06:48:46','2020-12-06','AA986','abc','Economy',1),(30,'2020-
12-06 07:26:56','2020-12-06','AA1512','qun','Economy',0),(32,'2020-12-06 07:27:20','2020-12-
06','AA6861','qun','Economy',0),(34,'2020-12-06 10:04:30','2020-12-06','AA120','abc','Economy',1),(45,'2020-
12-07 01:46:49','2020-12-06','AA986','tao','Economy',1),(54,'2020-12-07 02:12:07','2020-12-
06','AA100','tao','Economy',1),(55,'2020-12-07 02:13:40','2020-12-06','AA100','tao','Economy',0),(56,'2020-12-
07 12:50:44','2020-12-06','AA180','abc','Economy',1),(60,'2020-12-07 12:57:53','2020-12-
06','AA100','abc','Economy',0),(61,'2020-12-07 01:50:05','2020-12-07','AA600','eve','Economy',1),(63,'2020-
12-07 01:53:03','2020-12-07','AA100','eve','Economy',1),(66,'2020-12-07 01:55:51','2020-12-
07','AA986','eve','Business',1),(67,'2020-12-07 01:55:51','2020-12-08','AA1512','eve','Business',1);
UNLOCK TABLES;

```

```

DROP TABLE IF EXISTS `class`;
CREATE TABLE `class` (
  `number` varchar(10) NOT NULL,
  `name` varchar(20) NOT NULL,
  `capacity` int(11) NOT NULL,
  `price` float NOT NULL,
  PRIMARY KEY (`number`, `name`),
  KEY `number_idx` (`number`),
  CONSTRAINT `number` FOREIGN KEY (`number`) REFERENCES `flight` (`number`) ON DELETE

```

```
CASCADE ON UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
LOCK TABLES `class` WRITE;
INSERT INTO `class` VALUES
('AA100','Business',5,500),('AA100','Economy',200,180),('AA120','Business',15,4000),('AA120','Economy',100,1000),('AA1512','Business',1,200),('AA1512','Economy',100,100),('AA180','Business',15,800),('AA180','Economy',100,240),('AA181','Business',10,200),('AA181','Economy',100,100),('AA600','Business',5,200),('AA600','Economy',80,50),('AA601','Business',3,300),('AA601','Economy',50,60),('AA6861','Business',3,100),('AA6861','Economy',100,40),('AA6927','Business',10,100),('AA6927','Economy',200,40),('AA80','Business',3,200),('AA80','Economy',80,50),('AA986','Business',8,400),('AA986','Economy',120,120);
UNLOCK TABLES;
```

```
DROP TABLE IF EXISTS `flight`;
CREATE TABLE `flight` (
  `number` varchar(20) NOT NULL,
  `airplane_id` varchar(10) NOT NULL,
  `departure` varchar(10) NOT NULL,
  `d_time` time NOT NULL,
  `arrival` varchar(10) NOT NULL,
  `a_time` time NOT NULL,
  PRIMARY KEY (`number`),
  KEY `code_idx` (`departure`,`arrival`),
  KEY `airplaneid_idx` (`airplane_id`),
  KEY `arrival_idx` (`arrival`),
  CONSTRAINT `airplaneid` FOREIGN KEY (`airplane_id`) REFERENCES `airplane` (`ID`) ON DELETE CASCADE ON UPDATE CASCADE,
  CONSTRAINT `arrival` FOREIGN KEY (`arrival`) REFERENCES `airport` (`code`) ON DELETE CASCADE ON UPDATE CASCADE,
  CONSTRAINT `departure` FOREIGN KEY (`departure`) REFERENCES `airport` (`code`) ON DELETE CASCADE ON UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
LOCK TABLES `flight` WRITE;
INSERT INTO `flight` VALUES
('AA100','1201','LAX','18:35:00','SEA','21:00:00'),('AA120','1201','DFW','14:35:00','LAX','17:30:00'),('AA1512','1170','SEA','13:40:00','DFW','19:30:00'),('AA180','1201','DFW','07:35:00','SFO','10:30:00'),('AA181','1170','SFO','19:30:00','DFW','22:00:00'),('AA600','1201','DAL','17:00:00','SEA','21:00:00'),('AA601','1201','SEA','20:00:00','DAL','23:00:00'),('AA6861','1201','SFO','11:00:00','SEA','13:00:00'),('AA6927','1201','SEA','17:00:00','SFO','19:00:00'),('AA80','1170','LAX','20:00:00','DFW','23:00:00'),('AA986','1170','DFW','10:00:00','SEA','14:00:00');
UNLOCK TABLES;
```

```
DROP TABLE IF EXISTS `passanger`;
CREATE TABLE `passanger` (
  `username` varchar(30) NOT NULL,
  `firstname` varchar(45) DEFAULT NULL,
  `middlename` varchar(45) DEFAULT NULL,
  `lastname` varchar(45) DEFAULT NULL,
  `email` varchar(45) DEFAULT NULL,
  `cellphone` varchar(15) DEFAULT NULL,
  `gender` varchar(10) DEFAULT NULL,
  `birthday` date DEFAULT NULL,
  `password` varchar(45) NOT NULL,
  PRIMARY KEY (`username`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
LOCK TABLES `passanger` WRITE;
INSERT INTO `passanger` VALUES
```

```
('abc','abc',NULL,',','abc@utd.edu',NULL,NULL,NULL,'abcdef123456'),('eve','eve',,',','adi','eve@utd.edu','2143456543',,',','0000-00-00','Eve123'),('qun','Qun',NULL,'Niu','qun@utd.edu',,',','Female',NULL,'Niuqun1'),('song','Song',NULL,'Tao','ts@utd.edu',NULL,'Male',NULL,'Songtao1'),('tao','s',,',','t','t@utd.edu','987654321',,',','2020-12-06','Ts123456'),('web','web',,',','pro','web@utd.edu','9998887777',,',','2020-12-06','Web123'),('xianchu','xianchu',NULL,'chen','xian@utd.edu',,',','Male',NULL,'Xianchu1');
UNLOCK TABLES;
```

#### CART-DELETE:

```
<?php
session_start();
include_once 'dbconnect2.php';

if(!isset($_SESSION['user'])){
    header("Location: customersignin.html");
}else{
    $user = $_SESSION['user'];
    $bookid = $_POST["bookid"];

    $delete = "DELETE FROM book WHERE ID = '$bookid'";
    if(mysqli_query($con,$delete)){
        header("Location: cartshow.php");
    }else{
        echo "Error";
    }
}

?>
```

#### CART-SHOW:

```
<?php
// Start the session
session_start();

?>
```

```
<!DOCTYPE html>
<html>
<html lang="en">
<head>
    <title>Shopping cart</title>
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-
HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
    <script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
    <link rel="stylesheet" href="forcompany.css">
    <link rel="stylesheet" href="homepage.css">
    <link rel="stylesheet" href="AdminSignin.css">
    <script src="login.js"> </script>
    <script src="jump.js"> </script>
</head>
```

```

<body>
  <nav class="navbar navbar-default navbar-fixed-top">
    <div class="container">
      <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-home"></span> Home</a>
      </div>
      <div class="collapse navbar-collapse" id="myNavbar">
        <ul class="nav navbar-nav navbar-right">
          <li id = "cart">
            <a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-cart"></span> Shopping Cart</a>
          </li>

          <li class="dropdown" id = "new">
            <a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon glyphicon-user"> Sign in&nbsp;</span><span class="caret"></span>
            </a>
            <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
              <li><a href="signup.html">Register</a></li>

              <li class="dropdown-submenu">
                <a tabindex="-1" href="#">Sign in</a>
                <ul class="dropdown-menu">
                  <li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
                  <li><a href="customersignin.html">Customer Sign in</a></li>
                </ul>
              </li>

            </ul>
          </li>

          </ul>
        </li>
        <li class="dropdown" id = "old">
          <a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon glyphicon-user" id="wuser">Welcom!</span>
          <span class="caret"></span>
          </a>
          <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
            <li><a href="showhistory.php">History</a></li>
            <li><a href="#" id="logout">Sign out</a></li>
          </ul>
        </li>
      </ul>
    </div>
  </div>
</nav>
<div class="jumbotron text-center">
  <h1>AirNav.com</h1>
  <p>We specialize in your air plan!</p>
</div>

```

```

<div class="container-fluid text-center">
  <div class="row content">
    <div class="col-sm-2 sidenav">

    </div>
    <div class="col-sm-8 text-left">
      <h1>Shopping cart</h1>

```

```

<?php

```

```

include_once 'dbconnect2.php';

```

```

if(!isset($_SESSION['user'])){
  header("Location: customersignin.html");
}else{
  $user = $_SESSION['user'];

```

```

$sql = "SELECT FL.number AS FLnumber, company, type, B.ID AS bookid, time, B.date, departure, d_time,
arrival, a_time, C.name AS classname, capacity, price
FROM flight FL, class C, airplane AP , book B
WHERE (FL.number = C.number) AND (B.flightno = c.number) AND (classtype = C.name) AND
(FL.airplane_id = AP.ID)
AND B.username = '$user' AND paid = '0'
ORDER BY time";

```

```

$result = mysqli_query($con,$sql);
$rowcount = mysqli_num_rows($result);

```

```

if($rowcount == 0){
  echo "<div class='alert alert-info'><strong>Nothing in the shopping cart.</strong></div>";
}
else{
  echo "<div class='alert alert-info'>In the shopping cart:</div>";

```

```

echo "<table class='table table-bordered table-striped table-hover'>
  <thead>
    <tr>
      <th>Time</th>
      <th>Flight</th>
      <th>Aircraft</th>
      <th>Date</th>
      <th>Departure</th>
      <th>Departure Time</th>
      <th>Arrival</th>
      <th>Arrival Time</th>
      <th>Class</th>

      <th>Price</th>

      <th>Pay</th>
    </tr>

```

```

        </thead>";
while($row = mysqli_fetch_array($result)) {
    echo "<tbody><tr>";
    echo "<td>" . $row['time'] . "</td>";
    echo "<td>" . $row['FLnumber'] . "</td>";
    echo "<td>" . $row['company'] . " " . $row['type'] . "</td>";
    echo "<td>" . $row['date'] . "</td>";
    echo "<td>" . $row['departure'] . "</td>";
    echo "<td>" . $row['d_time'] . "</td>";
    echo "<td>" . $row['arrival'] . "</td>";
    echo "<td>" . $row['a_time'] . "</td>";
    echo "<td>" . $row['classname'] . "</td>";

    echo "<td>" . $row['price'] . "</td>";

    //calculate number of remain seats
    $seatreseved = "SELECT flightno, classtype, COUNT(*)
        FROM book B
        WHERE B.date = '" . $row['date'] . "' AND B.flightno = '" . $row['FLnumber'] . "' AND B.classtype
        = '" . $row['classname'] . "' AND paid=1
        GROUP BY flightno, classtype";
    $reserved = mysqli_query($con, $seatreseved);
    $reservedNumber = mysqli_fetch_array($reserved);

    $capacity = mysqli_query($con, "SELECT capacity FROM class C WHERE
    C.number='" . $row['FLnumber'] . "' AND C.name= '" . $row['classname'] . "'");
    $capacityNumber = mysqli_fetch_array($capacity);

    if(mysqli_num_rows($reserved)>0){
        $availableNumber = $capacityNumber['capacity'] - $reservedNumber['COUNT(*)'];
    }else{
        $availableNumber = $capacityNumber['capacity'];
    }

    if($availableNumber>0){
        echo '<td>
        <form action="cartdelete.php" method="post">
        <input type="hidden" name="bookid" value="' . $row['bookid'] . '" >
        <button type="submit" class="btn btn-danger">Delete</button></div>
        </form>
        </td>';
    }else{
        echo "<td><button type='button' class='btn btn-warning' onclick='myFunction()'>No seat Available
        now</button></td>";
    }

    $sum = mysqli_query($con, "SELECT SUM(price)
        FROM book B, class C
        WHERE B.username = '$user' AND paid = '0'
        AND classtype=C.name AND flightno = C.number");

    $t = mysqli_fetch_array($sum);
    $total = $t['SUM(price)'];

```

```

        echo "</tr>";
    }
    echo " </tbody></table>";
    echo " <form action='pay.php' method='post'>";
    echo "<div class='row'>
            <div class='col-sm-4'></div>
            <div class='col-sm-4'><p class='lead'>Total: <span
id='total'>$. $total." </span></p></div>
            <div class='col-sm-4'><button type='submit' class='btn btn-
primary'>Pay</button></div>
            </div>";

    echo "</form>";
    echo "<br>";

}

}

```

```

mysqli_close($con);

```

```

?>

```

```

</div>

```

```

</div>

```

```

</div>

```

```

<footer class="container-fluid text-center">
    <a href="#signUpPage" title="To Top">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a>
    <p>AirNav.com</p>
</footer>

```

```

</body>

```

```

</html>

```

```

CHECK-USER:

```

```

<?php

```

```

include_once 'dbconnect.php';

```

```

$username = $_POST['username'];

```

```

$result=mysqli_query($conn,"SELECT username FROM passanger WHERE username = '$username'");

```

```

    while($row = mysqli_fetch_array($result)) {
        if( $row['username']) {
            echo 1;
        }
        else {
            echo 0;
        }
    }
}

```

```

mysqli_close($conn);

```

```

?>

```



DB-CONNECT:

```
<?php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
$dbname = "airline2";
```

```
// Create connection
```

```
$conn = mysqli_connect($servername, $username, $password, $dbname);
```

```
// Check connection
```

```
if(mysqli_connect_errno()) {
```

```
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
```

```
}
```

```
?>
```

DB-CONNECT2:

```
<?php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
$dbname = "airline2";
```

```
// Create connection
```

```
$con = mysqli_connect($servername, $username, $password, $dbname);
```

```
// Check connection
```

```
if (!$con) {
```

```
    die('Could not connect: ' . mysqli_error($con));
```

```
}
```

```
?>
```

HOME:

```
<?php
```

```
session_start();
```

```
include_once 'dbconnect.php';
```

```
if(!isset($_SESSION['user']))
```

```
{
```

```
    echo 0;
```

```
}
```

```
else
```

```
    echo $_SESSION['user'];
```

```
?>
```

LOGIN:

```
<?php
```

```
session_start();
```

```
include_once 'dbconnect.php';
```

```
if(isset($_SESSION['user'])!="")
```

```
{
```

```
    header("Location: homepage.html");
```

```
}
```

```
// if(isset($_POST['btn-login']))
```

```
// {
```

```

$username=$_POST['username'];
$password=$_POST['pwd'];
$res=mysqli_query($conn,"SELECT * FROM passanger WHERE username='$username'");
$row=mysqli_fetch_array($res);
if($row['password']==$password)
{
    $_SESSION['user']=$row['username'];
    header("Location: homepage.html");
}
else
{
    //echo "<script>alert('wrong username or wrong password ');</script>";

    echo '
        <head>
        <title>User login</title>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-
        HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />
        <link rel="stylesheet"
        href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
        <script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
        <link rel="stylesheet" href="homepage.css">
        <link rel="stylesheet" href="forcompany.css">
        <link rel="stylesheet" href="AdminSignin.css">
        <script src="login.js"> </script>
        <script src="jump.js"> </script>

        <meta http-equiv="refresh" content="3;url=customersignin.html">
        </head>
        <body >
        <nav class="navbar navbar-default navbar-fixed-top">
        <div class="container">
        <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-toggle="collapse" data-
        target="#myNavbar">
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="homepage.html"><span class="glyphicon
        glyphicon-home"></span> Home</a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
        <ul class="nav navbar-nav navbar-right">
        <li id = "cart">
            <a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-
            cart"></span> Shopping Cart</a>
        </li>
            <li class="dropdown" id = "new">
                <a class="dropdown-toggle" data-toggle="dropdown"
                href="#"><span class="glyphicon glyphicon-user"> Sign in&nbsp;</span><span class="caret"></span>
                </a>
                <ul class="dropdown-menu multi-level" role="menu" aria-
                labelledby="dropdownMenu">
                    <li><a href="signup.html">Register</a></li>

```

```

        <li class="dropdown-submenu">
            <a tabindex="-1" href="#">Sign in</a>
            <ul class="dropdown-menu">
                <li><a tabindex="-1" href="Adminpage.html">Manager
                    <li><a href="customersignin.html">Customer Sign
                        </li>
                    </ul>
                </li>
            </ul>
        </li>
        <li class="dropdown" id = "old">
            <a class="dropdown-toggle" data-toggle="dropdown" href="#"
                ><span class="glyphicon glyphicon-user" id="wuser">Welcom!</span>
                <span class="caret"></span>
            </a>
            <ul class="dropdown-menu multi-level" role="menu" aria-
                labelledby="dropdownMenu">
                <li><a href="showhistory.php">History</a></li>
                <li><a href="#" id="logout">Sign out</a></li>
            </ul>
        </li>
    </ul>
</div>
</div>
</nav>
<div class="jumbotron text-center">
    <h1>AirNav.com</h1>
    <p>We specialize in your air plan!</p>
</div>
<div class="container" id="homepage">
    <h1>Opps</h1>
    <p>Wrong username or wrong password, wait 3s or <a href="customersignin.html">click me
back!</a></p>
</div>
<footer class="container-fluid text-center">
    <a href="#signUpPage" title="To Top">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a>
    <p>AirNav.com</p>
</footer>
</body>';
}
//}

```

```

mysqli_close($conn);
?>

```

```

LOGOUT:
<?php
session_start();
unset($_SESSION['user']);

```

```
header("Location: homepage.html");
?>
```

PAY:

```
<?php
// Start the session
session_start();
```

```
$user = $_SESSION['user'];
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<html lang="en">
```

```
<head>
```

```
<title>Pay</title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-
HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />
```

```
<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
```

```
<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
```

```
<link rel="stylesheet" href="forcompany.css">
```

```
<link rel="stylesheet" href="homepage.css">
```

```
<link rel="stylesheet" href="AdminSignin.css">
```

```
<script src="login.js"> </script>
```

```
<script src="jump.js"> </script>
```

```
</head>
```

```
<body>
```

```
<nav class="navbar navbar-default navbar-fixed-top">
```

```
<div class="container">
```

```
<div class="navbar-header">
```

```
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
</button>
```

```
<a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-home"></span>
```

```
Home</a>
```

```
</div>
```

```
<div class="collapse navbar-collapse" id="myNavbar">
```

```
<ul class="nav navbar-nav navbar-right">
```

```
<li id = "cart">
```

```
<a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-
cart"></span> Shopping Cart</a>
```

```
</li>
```

```
<li class="dropdown" id = "new">
```

```
<a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon glyphicon-
user"> Sign in&nbsp;</span><span class="caret"></span>
```

```
</a>
```

```
<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
```

```
<li><a href="signup.html">Register</a></li>
```

```
<li class="dropdown-submenu">
```

```
<a tabindex="-1" href="#">Sign in</a>
```

```
<ul class="dropdown-menu">
```

```
<li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
```

```
<li><a href="customersignin.html">Customer Sign in</a></li>
```

```

        </li>
      </ul>
    </li>

    </ul>
  </li>
  <li class="dropdown" id = "old">
    <a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon glyphicon-
user" id="wuser">Welcom!</span>
    <span class="caret"></span>
    </a>
    <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
      <li><a href="showhistory.php">History</a></li>
      <li><a href="#" id="logout">Sign out</a></li>
    </ul>
  </li>
</ul>
</div>
</div>
</nav>
<div class="jumbotron text-center">
  <h1>AirNav.com</h1>
  <p>We specialize in your air plan!</p>
</div>

```

```

<div class="container-fluid text-center">
  <div class="row content">
    <div class="col-sm-2 sidenav">

  </div>
  <div class="col-sm-8 text-left">
    <h1>Payment Finish</h1>
    <div>
  </div>

```

```

<?php

```

```

include_once 'dbconnect2.php';

```

```

$sql = mysqli_query($con,"UPDATE book
SET paid = '1'
WHERE username = '$user'");

```

```

mysqli_close($con);
?>

```

```

</div>

```

```

</div>

```

</div>

```
<footer class="container-fluid text-center">
  <a href="#signUpPage" title="To Top">
    <span class="glyphicon glyphicon-chevron-up"></span>
  </a>
  <p>AirNav.com</p>
</footer>
```

</body>

</html>

REGISTER:

<?php

```
session_start();
if(isset($_SESSION['user'])!="")
{
  header("Location: homepage.html");
}
include_once 'dbconnect.php';
```

```
// if(isset($_POST['btn-signup']))
// {
  $username = $_POST['username'];
  $firstname = $_POST['firstname'];
  $lastname = $_POST['lastname'];
  $tel = $_POST['tel'];
  $email = $_POST['email'];
  $pwd1 = $_POST['pwd1'];

  if(isset($_POST['middlename'])){
    $middlename = $_POST['middlename'];
  }else{
    $middlename = "";
  }
}
```

```
if(isset($_POST['gender'])){
  $gender = $_POST['gender'];
}else{
  $gender = "";
}
}
```

```
if(isset($_POST['birthday'])){
  $birthday = $_POST['birthday'];
}else{
  $birthday = "";
}
}
```

```
if(mysqli_query($conn,"INSERT INTO
passanger(username,email,password,firstname,lastname,cellphone,middlename,gender,birthday)
VALUES('$username','$email','$pwd1','$firstname','$lastname','$tel','$middlename','$gender','$birthday')"))
{
  $_SESSION['user']=$username;
  header("Location: homepage.html");
}
else
{
}
```

```
?>
    <script>alert('error while registering you...');</script>
    <?php
}
// }
mysqli_close($conn);
?>
```

#### SEARCH-RESULT:

```
<!DOCTYPE html>
<html>
<html lang="en">
<head>
    <title>Search Flights</title>
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-
HtZivmahJYI/UVZKoVuFx3I/AAAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
    <script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
    <link rel="stylesheet" href="forcompany.css">
    <link rel="stylesheet" href="homepage.css">
    <link rel="stylesheet" href="AdminSignin.css">
    <script src="login.js"> </script>
    <link rel="stylesheet" type="text/css" href="Search.css">
    <script src="notavailable.js"></script>
</head>
<body>

<nav class="navbar navbar-default navbar-fixed-top">
    <div class="container">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-
home"></span> Home</a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
            <ul class="nav navbar-nav navbar-right">
                <li id = "cart">
                    <a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-
cart"></span> Shopping Cart</a>
                </li>
                <li class="dropdown" id = "new">
                    <a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon
glyphicon-user"> Sign in&nbsp;</span><span class="caret"></span>
                    </a>
                    <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
                        <li><a href="signup.html">Register</a></li>

                        <li class="dropdown-submenu">
                            <a tabindex="-1" href="#">Sign in</a>
                            <ul class="dropdown-menu">
                                <li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
                                <li><a href="customersignin.html">Customer Sign in</a></li>
```

```

        </li>
        </ul>
    </li>

    </ul>
</li>
<li class="dropdown" id = "old">
    <a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon
glyphicon-user" id="wuser">Welcom!</span>
    <span class="caret"></span>
    </a>
    <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
        <li><a href="showhistory.php">History</a></li>
        <li><a href="#" id="logout">Sign out</a></li>
    </ul>
</li>
</ul>
</div>
</div>
</nav>
<div class="jumbotron text-center">
    <h1>AirNav.com</h1>
    <p>We specialize in your air plan!</p>
</div>

```

```

<div class="container-fluid text-center">
    <div class="row content">
        <div class="col-sm-2 sidenav">

        </div>
        <div class="col-sm-8 text-left">
            <h1>Search Results</h1>

```

```

<?php
include_once 'dbconnect2.php';

```

```

$selectdate = $_POST["selectdate"];

```

```

global $sql, $availableNumber;

```

```

$sql = "SELECT *
FROM flight FL, class C, airplane AP
WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID)

ORDER BY FL.number";

```

```

$result = mysqli_query($con,$sql);
$rowcount = mysqli_num_rows($result);

```

```

if($rowcount == 0){
    echo "<div class='alert alert-info'><strong>Search Result: </strong>".$rowcount." result</div>";
}
else{

```



```

echo "<div class='alert alert-info'><strong>Search Result: </strong>".$rowcount." results</div>";

echo "<table class='table table-bordered table-striped table-hover'>
    <thead>
    <tr>
        <th>Flight</th>
        <th>Aircraft</th>
        <th>Date</th>
        <th>Departure</th>
        <th>Departure Time</th>
        <th>Arrival</th>
        <th>Arrival Time</th>
        <th>Class</th>
        <th>Capacity</th>
        <th>Price</th>
        <th>Remain Seats</th>
        <th>Reserve</th>
    </tr>
    </thead>";
while($row = mysqli_fetch_array($result)) {
    echo "<tbody><tr>";
    echo "<td>" . $row['number'] . "</td>";
    echo "<td>" . $row['company'] . " " . $row['type'] . "</td>";
    echo "<td>" . $selectdate . "</td>";
    echo "<td>" . $row['departure'] . "</td>";
    echo "<td>" . $row['d_time'] . "</td>";
    echo "<td>" . $row['arrival'] . "</td>";
    echo "<td>" . $row['a_time'] . "</td>";
    echo "<td>" . $row['name'] . "</td>";
    echo "<td>" . $row['capacity'] . "</td>";
    echo "<td>" . $row['price'] . "</td>";

    //calculate number of remain seats
    $seatreserved = "SELECT flightno, classtype, COUNT(*)
        FROM book B
        WHERE B.date = ".$selectdate." AND B.flightno = ".$row['number']."'AND B.classtype
    =".$row['name']."' AND paid=1
        GROUP BY flightno, classtype";
    $reserved = mysqli_query($con, $seatreserved);
    $reservedNumber = mysqli_fetch_array($reserved);

    $capacity = mysqli_query($con, "SELECT capacity FROM class C WHERE
    C.number=".$row['number']."' AND C.name= ".$row['name']."'");
    $capacityNumber = mysqli_fetch_array($capacity);

    if(mysqli_num_rows($reserved)>0){
        $availableNumber = $capacityNumber['capacity'] - $reservedNumber['COUNT(*)'];
    }else{
        $availableNumber = $capacityNumber['capacity'];
    }

    echo "<td>".$availableNumber."</td>";

    if($availableNumber>0){
        echo '<td>
            <form action="shoppingcart.php" method="post">
            <input type="hidden" name="flightno" value="'.$row['number'].'">
            <input type="hidden" name="classtype" value="'.$row['name'].'">

```

```

        <input type="hidden" name="price" value="".$row['price']. ">
        <input type="hidden" name="date" value="".$selectdate.">
        <input type="hidden" name="type" value="all">
        <button type="submit" class="btn btn-primary">Add to Cart</button>
    </form>
</td>;
}else{
    echo "<td><button type='button' class='btn btn-warning' onclick='myFunction()'>Not
    Available</button></td>";
}

    echo "</tr>";
}
echo " </tbody></table>";

}

```

```

//mysqli_free_result($result);

```

```

mysqli_close($con);
?>

```

```

</div>

```

```

</div>

```

```

</div>

```

```

<footer class="container-fluid text-center">
    <a href="#signUpPage" title="To Top">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a>
    <p>AirNav.com</p>
</footer>
</body>
</html>

```

SEARCH RESULT-ONEWAY:

```

<!DOCTYPE html>
<html>
<html lang="en">
<head>
    <title>Search Flights</title>
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-
    HtZivmahJYI/UVZKoVuFx3I/AAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
    <script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
    <link rel="stylesheet" href="forcompany.css">
    <link rel="stylesheet" href="homepage.css">
    <link rel="stylesheet" href="AdminSignin.css">
    <script src="login.js"> </script>
    <link rel="stylesheet" type="text/css" href="Search.css">
    <script src="notavailable.js"></script>
</head>
<body>
<nav class="navbar navbar-default navbar-fixed-top">
    <div class="container">

```

```

<div class="navbar-header">
  <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
  </button>
  <a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-
home"></span> Home</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
  <ul class="nav navbar-nav navbar-right">
    <li id = "cart">
      <a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-
cart"></span> Shopping Cart</a>
    </li>
    <li class="dropdown" id = "new">
      <a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon
glyphicon-user"> Sign in&nbsp;</span><span class="caret"></span>
      </a>
      <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
        <li><a href="signup.html">Register</a></li>

        <li class="dropdown-submenu">
          <a tabindex="-1" href="#">Sign in</a>
          <ul class="dropdown-menu">
            <li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
            <li><a href="customersignin.html">Customer Sign in</a></li>

          </ul>
        </li>

      </ul>
    </li>

    <li class="dropdown" id = "old">
      <a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon
glyphicon-user" id="wuser">Welcom!</span>
      <span class="caret"></span>
      </a>
      <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
        <li><a href="showhistory.php">History</a></li>
        <li><a href="#" id="logout">Sign out</a></li>
      </ul>
    </li>
  </ul>
</div>
</nav>
<div class="jumbotron text-center">
  <h1>AirNav.com</h1>
  <p>We specialize in your air plan!</p>
</div>

<div class="container-fluid text-center">
  <div class="row content">
    <div class="col-sm-2 sidenav">

    </div>

```

```
<div class="col-sm-8 text-left">
  <h1>Search Result</h1>
```

```
<?php
```

```
include_once 'dbconnect2.php';
```

```
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
```

```
$from = test_input($_POST["from"]);
$to = test_input($_POST["to"]);
$departdate = $_POST["depart"];
$class = $_POST["class"];
$stop = $_POST["stop"];
```

```
global $sql1,$sql2,$result, $availableNumber;
```

```
//non-stop
if($stop=="nonstop"){
```

```
    //search by (code and code) or (city and city)
```

```
    $sql1 = "SELECT FL.number AS FLnumber, company, type, departure, d_time, arrival, a_time, C.name AS
classname, capacity, price, COUNT(*)
    FROM flight FL, class C, airplane AP , airport A
    WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID) AND C.name = '$class' AND
    (((city LIKE '%$from%') AND (code = departure)) OR ((city LIKE '%$to%') AND (code = arrival)))
    OR (((departure LIKE '%$from%') AND (arrival LIKE '%$to%')) )
    GROUP BY FL.number
    HAVING COUNT(*)>1
    ORDER BY FL.number";
    $result = mysqli_query($con,$sql1);
```

```
    if(mysqli_num_rows($result))
    { $result = mysqli_query($con,$sql1);}
    else{
```

```
        //search by (code and city) or (city and code)
```

```
        $sql2 = "SELECT FL.number AS FLnumber, company, type, departure, d_time, arrival, a_time, C.name
AS classname, capacity, price
    FROM flight FL, class C, airplane AP , airport A
    WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID) AND C.name = '$class' AND
    (((city LIKE '%$from%') AND (code = departure)) AND (arrival LIKE '%$to%'))
    OR ((departure LIKE '%$from%') AND ((city LIKE '%$to%') AND (code = arrival))) )
    GROUP BY FL.number
    ORDER BY FL.number";
        $result = mysqli_query($con,$sql2);
    }
```

```
$rowcount = mysqli_num_rows($result);
```

```
if($rowcount == 0){
```

```

    echo "<div class='alert alert-info'><strong>Search Result: </strong>".$rowcount." result</div>";
}
else{
echo "<div class='alert alert-info'><strong>Search Result: </strong>".$rowcount." result(s)</div>";

echo "<table class='table table-bordered table-striped table-hover'>
<thead>
<tr>
<th>Flight</th>
<th>Aircraft</th>
<th>Date</th>
<th>Departure</th>
<th>Departure Time</th>
<th>Arrival</th>
<th>Arrival Time</th>
<th>Class</th>
<th>Capacity</th>
<th>Price</th>
<th>Remain Seats</th>
<th>Reserve</th>
</tr>
</thead>";
while($row = mysqli_fetch_array($result)) {
    echo "<tbody><tr>";
    echo "<td>" . $row['FLnumber'] . "</td>";
    echo "<td>" . $row['company'] . " " . $row['type'] . "</td>";
    echo "<td>" . $departdate . "</td>";
    echo "<td>" . $row['departure'] . "</td>";
    echo "<td>" . $row['d_time'] . "</td>";
    echo "<td>" . $row['arrival'] . "</td>";
    echo "<td>" . $row['a_time'] . "</td>";
    echo "<td>" . $row['classname'] . "</td>";
    echo "<td>" . $row['capacity'] . "</td>";
    echo "<td>" . $row['price'] . "</td>";

    //calculate number of remain seats
    $seatreserved = "SELECT flightno, classtype, COUNT(*)
    FROM book B
    WHERE B.date = '". $departdate.'" AND B.flightno = '". $row['FLnumber'].'"' AND B.classtype
    = '". $row['classname'].'"' AND paid=1
    GROUP BY flightno, classtype";
    $reserved = mysqli_query($con, $seatreserved);
    $reservedNumber = mysqli_fetch_array($reserved);

    $capacity = mysqli_query($con, "SELECT capacity FROM class C WHERE
    C.number='". $row['FLnumber'].'"' AND C.name= '". $row['classname'].'"'");
    $capacityNumber = mysqli_fetch_array($capacity);

    if(mysqli_num_rows($reserved)>0){
        $availableNumber = $capacityNumber['capacity'] - $reservedNumber['COUNT(*)'];
    }else{
        $availableNumber = $capacityNumber['capacity'];
    }

    echo "<td>".$availableNumber."</td>";

    if($availableNumber>0){
    echo '<td>

```

```

        <form action="shoppingcart.php" method="post">
        <input type="hidden" name="flightno" value="".$row['FLnumber']. ">
        <input type="hidden" name="classtype" value="".$row['classname']. ">
        <input type="hidden" name="price" value="".$row['price']. ">
        <input type="hidden" name="date" value="".$departdate. ">
        <input type="hidden" name="type" value="onewaynonstop">
        <button type="submit" class="btn btn-primary">Add to Chart</button>
        </form>
        </td>;
    }else{
        echo "<td><button type='button' class='btn btn-warning' onclick='myFunction()'>Not
Available</button></td>";
    }

    echo "</tr>";
}
echo " </tbody></table>";

}

}
else{

//1 stop
//search by code and code only
$sql3 = "SELECT FL.number AS FLnumber, company, type, departure, d_time, arrival, a_time, C.name AS
classname, capacity, price
FROM flight FL, class C, airplane AP
WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID) AND C.name = '$class' AND
(departure = '$from') AND arrival IN
(SELECT departure FROM flight FL, class C, airplane AP
WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID) AND C.name = '$class' AND arrival =
'$to')

ORDER BY FL.number";
$result3 = mysqli_query($con,$sql3);

$rowcount3 = mysqli_num_rows($result3);

if($rowcount3 == 0){
    echo "<div class='alert alert-info'><strong>Search Result: </strong>".$rowcount3." result</div>";
}
else{
    echo "<div class='alert alert-info'></div>";

// echo "<table class='table table-bordered table-striped table-hover'>
//     <thead>
//     <tr>
//         <th>Flight</th>
//         <th>Aircraft</th>
//         <th>Date</th>
//         <th>Departure</th>
//         <th>Departure Time</th>
//         <th>Arrival</th>
//         <th>Arrival Time</th>
//         <th>Class</th>

```

```

//      <th>Capacity</th>
//      <th>Price</th>
//      <th>Remain Seats</th>
//      <th>Reserve</th>
//      </tr>
//      </thead>;
while($row = mysqli_fetch_array($result3)) {
    // echo "<tbody>";
    // echo "<tr>";
    // echo "<td>" . $row['FLnumber'] . "</td>";
    // echo "<td>" . $row['company'] . " " . $row['type'] . "</td>";
    // echo "<td>" . $departdate . "</td>";
    // echo "<td>" . $row['departure'] . "</td>";
    // echo "<td>" . $row['d_time'] . "</td>";
    // echo "<td>" . $row['arrival'] . "</td>";
    // echo "<td>" . $row['a_time'] . "</td>";
    // echo "<td>" . $row['classname'] . "</td>";
    // echo "<td>" . $row['capacity'] . "</td>";
    // echo "<td>" . $row['price'] . "</td>";

    //calculate number of remain seats
    $seatreserved = "SELECT flightno, classtype, COUNT(*)
        FROM book B
        WHERE B.date = '". $departdate.'" AND B.flightno = '". $row['FLnumber'].'"' AND B.classtype
= '". $row['classname'].'"' AND paid=1
        GROUP BY flightno, classtype";
    $reserved = mysqli_query($con, $seatreserved);
    $reservedNumber = mysqli_fetch_array($reserved);

    $capacity = mysqli_query($con, "SELECT capacity FROM class C WHERE
C.number='". $row['FLnumber'].'"' AND C.name= '". $row['classname'].'"');
    $capacityNumber = mysqli_fetch_array($capacity);

    if(mysqli_num_rows($reserved)>0){
        $availableNumber = $capacityNumber['capacity'] - $reservedNumber['COUNT(*)'];
    }else{
        $availableNumber = $capacityNumber['capacity'];
    }

    // echo "<td>". $availableNumber . "</td>";
    // echo "<td></td>";
    // echo "</tr>";

//echo the 1 stop flight
    $sql4 = "SELECT FL.number AS FLnumber, company, type, departure, d_time, arrival, a_time, C.name AS
classname, capacity, price
        FROM flight FL, class C, airplane AP
        WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID) AND C.name = '$class' AND
        (departure = '". $row['arrival'].'"' ) AND (arrival = '$to')
        ORDER BY FL.number";
    $result4 = mysqli_query($con,$sql4);

    $rowcount4 = mysqli_num_rows($result4);

    $rowtotal = $rowcount3*$rowcount4;

    if($rowtotal==0){
        echo "<div class='alert alert-info'><strong>Search Result: </strong>". $rowtotal . " result</div>";
    }
}

```

```
}else{
```

```
echo "<table class='table table-bordered table-striped table-hover'>
<thead>
<tr>
<th>Flight</th>
<th>Aircraft</th>
<th>Date</th>
<th>Departure</th>
<th>Departure Time</th>
<th>Arrival</th>
<th>Arrival Time</th>
<th>Class</th>
<th>Capacity</th>
<th>Price</th>
<th>Remain Seats</th>
<th>Reserve</th>
</tr>
</thead>";
```

```
while($row4 = mysqli_fetch_array($result4)){
    echo "<tbody>";
    echo "<tr>";
    echo "<td>" . $row['FLnumber'] . "</td>";
    echo "<td>" . $row['company'] . " " . $row['type'] . "</td>";
    echo "<td>" . $departdate . "</td>";
    echo "<td>" . $row['departure'] . "</td>";
    echo "<td>" . $row['d_time'] . "</td>";
    echo "<td>" . $row['arrival'] . "</td>";
    echo "<td>" . $row['a_time'] . "</td>";
    echo "<td>" . $row['classname'] . "</td>";
    echo "<td>" . $row['capacity'] . "</td>";
    echo "<td>" . $row['price'] . "</td>";
    echo "<td>" . $availableNumber . "</td>";
    echo "<td></td>";
    echo "</tr>";
```

```
echo "<tr>";
echo "<td>" . $row4['FLnumber'] . "</td>";
echo "<td>" . $row4['company'] . " " . $row4['type'] . "</td>";
echo "<td>" . $departdate . "</td>";
echo "<td>" . $row4['departure'] . "</td>";
echo "<td>" . $row4['d_time'] . "</td>";
echo "<td>" . $row4['arrival'] . "</td>";
echo "<td>" . $row4['a_time'] . "</td>";
echo "<td>" . $row4['classname'] . "</td>";
echo "<td>" . $row4['capacity'] . "</td>";
echo "<td>" . $row4['price'] . "</td>";
```





</div>

</div>

</div>

```
<footer class="container-fluid text-center">
  <a href="#signUpPage" title="To Top">
    <span class="glyphicon glyphicon-chevron-up"></span>
  </a>
  <p>AirNav.com</p>
</footer>
</body>
</html>
```

## SEARCHRESULT-ROUNDTrip:

<!DOCTYPE html>

<html>

<html lang="en">

<head>

<title>Search Flights</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-  
HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAcM/thmMtUUPjbA/Blue\_square\_A-3.PNG" />

<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>

<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="forcompany.css">

<link rel="stylesheet" href="homepage.css">

<link rel="stylesheet" href="AdminSignin.css">

<script src="login.js"> </script>

<link rel="stylesheet" type="text/css" href="Search.css">

<script src="notavailable.js"></script>

</head>

<body>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-home"></span> Home</a>

</div>

<div class="collapse navbar-collapse" id="myNavbar">

<ul class="nav navbar-nav navbar-right">

<li id = "cart">

<a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-cart"></span> Shopping Cart</a>

</li>

<li class="dropdown" id = "new">

<a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon glyphicon-user"> Sign in&nbsp; </span><span class="caret"></span>

</a>

<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">

```

<li><a href="signup.html">Register</a></li>

<li class="dropdown-submenu">
  <a tabindex="-1" href="#">Sign in</a>
  <ul class="dropdown-menu">
    <li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
    <li><a href="customersignin.html">Customer Sign in</a></li>

  </ul>
</li>

</ul>
</li>

<li class="dropdown" id = "old">
  <a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon glyphicon-user" id="wuser">Welcom!</span>
  <span class="caret"></span>
  </a>
  <ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
    <li><a href="showhistory.php">History</a></li>
    <li><a href="#" id="logout">Sign out</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
<div class="jumbotron text-center">
  <h1>AirNav.com</h1>
  <p>We specialize in your air plan!</p>
</div>

```

```

<div class="container-fluid text-center">
  <div class="row content">
    <div class="col-sm-2 sidenav">

    </div>
    <div class="col-sm-8 text-left">
      <h1>Search Results</h1>

```

```

<?php

```

```

include_once 'dbconnect2.php';

```

```

// Check connection

```

```

if (!$con) {
    die('Could not connect: ' . mysqli_error($con));
}

```

```

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}

```

```
$from = test_input($_POST["from"]);
$to = test_input($_POST["to"]);
$depart = $_POST["depart"];
$return = $_POST["return"];
$class = $_POST["class"];
```

```
global $sql,$sql2, $availableNumber;
```

```
//search by code only, non-stop
```

```
$sql = "SELECT FL.number AS FLnumber, company, type, departure, d_time, arrival, a_time, C.name AS
classname, capacity, price
FROM flight FL, class C, airplane AP , airport A
WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID) AND C.name = '$class' AND
((departure = '$from') AND (arrival = '$to'))
GROUP BY FL.number
ORDER BY FL.number";
$result = mysqli_query($con,$sql);
```

```
$rowcount = mysqli_num_rows($result);
```

```
//search return flight
```

```
$sql2 = "SELECT FL.number AS FLnumber, company, type, departure, d_time, arrival, a_time, C.name AS
classname, capacity, price
FROM flight FL, class C, airplane AP , airport A
WHERE (FL.number = C.number) AND (FL.airplane_id = AP.ID) AND C.name = '$class' AND
((departure = '$to') AND (arrival = '$from'))
GROUP BY FL.number
ORDER BY FL.number";
$result2 = mysqli_query($con,$sql2);
```

```
$rowcount2 = mysqli_num_rows($result2);
```

```
$rowtotal = $rowcount*$rowcount2;
```

```
if($rowtotal == 0){
    echo "<div class='alert alert-info'><strong>Search Result: </strong>".$rowtotal." result</div>";
}
else{
    echo "<div class='alert alert-info'><strong>Search Result: </strong>".$rowtotal." result(s)</div>";
```

```
echo "<table class='table table-bordered table-striped table-hover'>
<thead>
<tr>
<th>Flight</th>
<th>Aircraft</th>
<th>Date</th>
<th>Departure</th>
<th>Departure Time</th>
<th>Arrival</th>
<th>Arrival Time</th>
<th>Class</th>
<th>Capacity</th>
<th>Price</th>
<th>Remain Seats</th>
```

```

        <th>Reserve</th>
    </tr>
</thead>";
while($row = mysqli_fetch_array($result)) {
    echo "<tbody>";

    // echo "<tr>";
    // echo "<td>" . $row['FLnumber'] . "</td>";
    // echo "<td>" . $row['company'] . " " . $row['type'] . "</td>";
    // echo "<td>" . $depart . "</td>";
    // echo "<td>" . $row['departure'] . "</td>";
    // echo "<td>" . $row['d_time'] . "</td>";
    // echo "<td>" . $row['arrival'] . "</td>";
    // echo "<td>" . $row['a_time'] . "</td>";
    // echo "<td>" . $row['classname'] . "</td>";
    // echo "<td>" . $row['capacity'] . "</td>";
    // echo "<td>" . $row['price'] . "</td>";

    //calculate number of remain seats
    $seatsreserved = "SELECT flightno, classtype, COUNT(*)
        FROM book B
        WHERE B.date = '" . $depart . "' AND B.flightno = '" . $row['FLnumber'] . "' AND B.classtype
        = '" . $row['classname'] . "' AND paid=1
        GROUP BY flightno, classtype";
    $reserved = mysqli_query($con, $seatsreserved);
    $reservedNumber = mysqli_fetch_array($reserved);

    $capacity = mysqli_query($con, "SELECT capacity FROM class C WHERE
    C.number='" . $row['FLnumber'] . "' AND C.name= '" . $row['classname'] . "'");
    $capacityNumber = mysqli_fetch_array($capacity);

    if(mysqli_num_rows($reserved)>0){
        $availableNumber = $capacityNumber['capacity'] - $reservedNumber['COUNT(*)'];
    }else{
        $availableNumber = $capacityNumber['capacity'];
    }

    // echo "<td>". $availableNumber . "</td>";
    // echo "<td></td>";
    // echo "</tr>";

$result2 = mysqli_query($con,$sql2);
$rowcount2 = mysqli_num_rows($result2);

if($rowcount2>0){
    while($row2 = mysqli_fetch_array($result2)){

        echo "<tr>";
        echo "<td>" . $row2['FLnumber'] . "</td>";
        echo "<td>" . $row2['company'] . " " . $row2['type'] . "</td>";
        echo "<td>" . $depart . "</td>";
        echo "<td>" . $row2['departure'] . "</td>";
        echo "<td>" . $row2['d_time'] . "</td>";
        echo "<td>" . $row2['arrival'] . "</td>";
        echo "<td>" . $row2['a_time'] . "</td>";
        echo "<td>" . $row2['classname'] . "</td>";
        echo "<td>" . $row2['capacity'] . "</td>";
        echo "<td>" . $row2['price'] . "</td>";
    }
}
}

```

```

echo "<td>".$availableNumber."</td>";
echo "<td></td>";
echo "</tr>";

```

```

echo "<tr>";
echo "<td>" . $row2['FLnumber'] . "</td>";
echo "<td>" . $row2['company'] . " " . $row2['type'] . "</td>";
echo "<td>" . $return . "</td>";
echo "<td>" . $row2['departure'] . "</td>";
echo "<td>" . $row2['d_time'] . "</td>";
echo "<td>" . $row2['arrival'] . "</td>";
echo "<td>" . $row2['a_time'] . "</td>";
echo "<td>" . $row2['classname'] . "</td>";
echo "<td>" . $row2['capacity'] . "</td>";
echo "<td>" . $row2['price'] . "</td>";

```

```

//calculate number of remain seats
$seatreserved4 = "SELECT flightno, classtype, COUNT(*)
FROM book B
WHERE B.date = ".$return." AND B.flightno = ".$row2['FLnumber']." AND B.classtype
=".$row2['classname']." AND paid=1
GROUP BY flightno, classtype";
$reserved4 = mysqli_query($con, $seatreserved4);
$reservedNumber4 = mysqli_fetch_array($reserved4);

```

```

$capacity4 = mysqli_query($con, "SELECT capacity FROM class C WHERE
C.number=".$row2['FLnumber']." AND C.name=".$row2['classname']."");
$capacityNumber4 = mysqli_fetch_array($capacity4);

```

```

if(mysqli_num_rows($reserved4)>0){
    $availableNumber4 = $capacityNumber4['capacity'] - $reservedNumber4['COUNT(*)'];
}else{
    $availableNumber4 = $capacityNumber4['capacity'];
}

```

```

echo "<td>".$availableNumber4."</td>";

```

```

if($availableNumber>0 && $availableNumber4>0){
echo '<td>
<form action="shoppingcart.php" method="post">
<input type="hidden" name="flightno" value="'.$row['FLnumber'].'">
<input type="hidden" name="classtype" value="'.$row['classname'].'">
<input type="hidden" name="price" value="'.$row['price'].'">
<input type="hidden" name="date" value="'.$depart.'">

```

```

        <input type="hidden" name="flightno2" value="".$row2['FLnumber']. ">
        <input type="hidden" name="classtype2" value="".$row2['classname']. ">
        <input type="hidden" name="price2" value="".$row2['price']. ">
        <input type="hidden" name="date2" value="".$return. ">
        <input type="hidden" name="type" value="roundtrip">
        <button type="submit" class="btn btn-primary">Add to Chart</button>
    </form>
    </td>;
}
    }else{
        echo "<td><button type='button' class='btn btn-warning' onclick='myFunction()'>Not
        Available</button></td>";
    }
}

```

```

    echo "</tr>";
}

```

```

}

```

```

}

```

```

}
echo " </tbody></table>";
}

```

```

//mysqli_free_result($result);

```

```

mysqli_close($con);

```

```

?>

```

```

</div>

```

```

</div>

```

```

</div>

```

```

<footer class="container-fluid text-center">
    <a href="#signUpPage" title="To Top">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a>
    <p>AirNav.com</p>
</footer>
</body>
</html>

```

```

SHOPPING CART:

```

```

<?php

```

```

// Start the session

```

```

session_start();

```

```

include_once 'dbconnect2.php';

```

```

$type = $_POST["type"];

```

```

date_default_timezone_set("America/Chicago");

```

```
$t=time();  
$time = date("Y-m-d h:i:s");
```

```
if(!isset($_SESSION['user'])){  
    header("Location: customersignin.html");  
}else{  
    $user = $_SESSION['user'];
```

```
if($type=="all" || $type=="onewaynonstop" ){
```

```
    $flightno = $_POST["flightno"];  
    $class = $_POST["classtype"];  
    $price = $_POST["price"];  
    $date = $_POST["date"];
```

```
    $sql = "INSERT INTO book (time, date, flightno, username, classtype, paid)  
           VALUES ('$time', '$date', '$flightno', '$user', '$class', '0')";;
```

```
    $result = mysqli_query($con,$sql);  
    header("Location: cartshow.php");  
}
```

```
if($type=="oneway1stop"){
```

```
    $flightno = $_POST["flightno"];  
    $class = $_POST["classtype"];  
    $price = $_POST["price"];  
    $date = $_POST["date"];
```

```
    $flightno2 = $_POST["flightno2"];  
    $class2 = $_POST["classtype2"];  
    $price2 = $_POST["price2"];
```

```
    $sql = "INSERT INTO book (time, date, flightno, username, classtype, paid)  
           VALUES ('$time', '$date', '$flightno', '$user', '$class', '0')";;
```

```
    $result = mysqli_query($con,$sql);
```

```
    $sql2 = "INSERT INTO book (time, date, flightno, username, classtype, paid)  
           VALUES ('$time', '$date', '$flightno2', '$user', '$class2', '0')";;
```

```
    $result2 = mysqli_query($con,$sql2);  
    header("Location: cartshow.php");  
}
```

```
if($type=="roundtrip"){
```

```
    $flightno = $_POST["flightno"];  
    $class = $_POST["classtype"];  
    $price = $_POST["price"];  
    $date = $_POST["date"];
```



```
$flightno2 = $_POST["flightno2"];
$class2 = $_POST["classtype2"];
$price2 = $_POST["price2"];
```

```
$returndate = $_POST["date2"];
```

```
$sql = "INSERT INTO book (time, date, flightno, username, classtype, paid)
      VALUES ('$time', '$date', '$flightno', '$user', '$class', '0')";;
```

```
$result = mysqli_query($con,$sql);
```

```
$sql2 = "INSERT INTO book (time, date, flightno, username, classtype, paid)
      VALUES ('$time', '$returndate', '$flightno2', '$user', '$class2', '0')";;
```

```
$result2 = mysqli_query($con,$sql2);
```

```
header("Location: cartshow.php");
}
```

```
echo "Error adding to cart..";
```

```
}
```

```
mysqli_close($con);
```

```
?>
```

SHOW-HISTORY:

```
<?php
// Start the session
session_start();
```

```
$user = $_SESSION['user'];
```

```
?>
```

```
<!DOCTYPE html>
<html>
<html lang="en">
<head>
  <title>History</title>
<meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="shortcut icon" type="image/x-icon" href="https://lh3.googleusercontent.com/-
```

```

HtZivmahJYI/VUZKoVuFx3I/AAAAAAAAAAcM/thmMtUUPjbA/Blue_square_A-3.PNG" />
<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
<link rel="stylesheet" href="forcompany.css">
<link rel="stylesheet" href="homepage.css">
<link rel="stylesheet" href="AdminSignin.css">
<script src="login.js"> </script>
<script src="jump.js"> </script>
</head>
<body>
<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="homepage.html"><span class="glyphicon glyphicon-home"></span>
Home</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
<ul class="nav navbar-nav navbar-right">
<li id = "cart">
<a class="navbar-brand" href="cartshow.php"><span class="glyphicon glyphicon-shopping-
cart"></span> Shopping Cart</a>
</li>
<li class="dropdown" id = "new">
<a class="dropdown-toggle" data-toggle="dropdown" href="#"><span class="glyphicon glyphicon-
user"> Sign in&nbsp;</span><span class="caret"></span>
</a>
<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
<li><a href="signup.html">Register</a></li>

<li class="dropdown-submenu">
<a tabindex="-1" href="#">Sign in</a>
<ul class="dropdown-menu">
<li><a tabindex="-1" href="Adminpage.html">Manager Sign in</a></li>
<li><a href="customersignin.html">Customer Sign in</a></li>

</li>
</ul>
</li>
</ul>
</li>
<li class="dropdown" id = "old">
<a class="dropdown-toggle" data-toggle="dropdown" href="#" ><span class="glyphicon glyphicon-
user" id="wuser">Welcom!</span>
<span class="caret"></span>
</a>
<ul class="dropdown-menu multi-level" role="menu" aria-labelledby="dropdownMenu">
<li><a href="showhistory.php">History</a></li>
<li><a href="#" id="logout">Sign out</a></li>
</ul>
</li>
</ul>
</div>

```

```

    </div>
</nav>
<div class="jumbotron text-center">
    <h1>AirNav.com</h1>
    <p>We specialize in your air plan!</p>
</div>

```

```

<div class="container-fluid text-center">
    <div class="row content">
        <div class="col-sm-2 sidenav">

            </div>
            <div class="col-sm-8 text-left">
                <h1>Show History</h1>
            </div>
        </div>
    </div>

```

```

<?php

```

```

include_once 'dbconnect2.php';

```

```

$sql = "SELECT FL.number AS FLnumber, company, type, time, B.date, departure, d_time, arrival, a_time,
C.name AS classname, price, paid
        FROM flight FL, class C, airplane AP , book B
        WHERE (FL.number = C.number) AND (B.flightno = c.number) AND (classtype = C.name) AND
(F.L.airplane_id = AP.ID)
        AND B.username = '$user' AND paid = '1'
        ORDER BY time";

```

```

$result = mysqli_query($con,$sql);
$rowcount = mysqli_num_rows($result);

```

```

if($rowcount == 0){
    echo "<div class='alert alert-info'><strong>Nothing in the history.</strong></div>";
}
else{
    echo "<div class='alert alert-info'>History:</div>";
}

```

```

echo "<table class='table table-bordered table-striped table-hover'>
    <thead>
        <tr>
            <th>Time</th>
            <th>Flight</th>
            <th>Aircraft</th>
            <th>Date</th>
            <th>Departure</th>
            <th>Departure Time</th>
            <th>Arrival</th>
            <th>Arrival Time</th>
            <th>Class</th>

            <th>Price</th>
        </tr>
    </thead>
    <tbody>

```

```

        <th>Pay</th>
    </tr>
</thead>";
while($row = mysqli_fetch_array($result)) {
    echo "<tbody><tr>";
    echo "<td>" . $row['time'] . "</td>";
    echo "<td>" . $row['FLnumber'] . "</td>";
    echo "<td>" . $row['company'] . " " . $row['type'] . "</td>";
    echo "<td>" . $row['date'] . "</td>";
    echo "<td>" . $row['departure'] . "</td>";
    echo "<td>" . $row['d_time'] . "</td>";
    echo "<td>" . $row['arrival'] . "</td>";
    echo "<td>" . $row['a_time'] . "</td>";
    echo "<td>" . $row['classname'] . "</td>";
    echo "<td>" . $row['price'] . "</td>";
    if($row['paid'] == 1){
        echo "<td>YES</td>";
    }

    echo "</tr>";
}
echo " </tbody></table>";

}
mysqli_close($con);
?>

</div>

</div>
</div>

<footer class="container-fluid text-center">
    <a href="#signUpPage" title="To Top">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a>
    <p>AirNav.com</p>
</footer>

</body>
</html>

```

