FLIGHT BOOKING SYSTEM

PROJECT REPORT

Submitted for CAL in B.Tech Electronics and Computer Engineering

By

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<u>CERTIFICATE</u>

This is to certify that the Project work entitled **"Flight Booking System"** that is being submitted by "**Dwij Sukeshkumar Sheth, Prakhar S Mathur, Yash Jain**" for CAL in B.Tech Database Management Systems(CSE2004004) is a record of bonafide work done under my supervision. The contents of this Project work, in full or in parts, have neither been taken from any other source nor have been submitted for any other CAL course.

Place: Chennai

Date: 01-11- 2017

Signature of Student:

Dwij Sukeshkumar Sheth   **Prakhar S Mathur**

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ACKNOWLEDGEMENTS

ABSTRACT

- We intend to create a flight booking management system with administrator and customer access. The administrator account would allow to add/delete flights, change timings/destinations of flights, view customer details as well as the seat allocations.

- The customer account would allow one to view flight destinations, their timings, seat availability, apart from booking and cancelling their tickets.

- Apart from this we intend to provide a minimal and material interface to the use which is very common nowadays in mobiles on a web platform so the ease of accessing the website is best and the user gets the best UI/UX experience in our web app

<u>INTRODUCTION</u>

The travel booking landscape is rapidly changing. Mobile bookings are having a greater impact year on year and your customers expect you to be online.

A lot of businesses in the tours and activities sector have resisted using booking systems. There were valid reasons for this:

- they were expensive
- difficult to use
- built for hotels & not your business

This is no longer the case. Cloud computing has ensured that online booking systems are extremely affordable, with monthly subscriptions costing as little as a day's wage bill for a minimum wage employee.

In 2014, an online booking system is a "must have" for any tour or activity business that is spending lots of time answering phone calls, sending emails or considering hiring more staff.

It can be hard figuring out what's the right online booking system for your business, as there are so many different variations. Once you have identified what is the right one for you however, it can have many benefits, the main one is the fact that it helps businesses increase their bookings, which is what we're all after.

An online booking system leads to more sales. Without one you can be like a leaky pipe, where small drips of water are constantly being lost. At first this doesn't seem like a big deal. The trouble is that a consistent small drip from a number of places can create huge loss over time. This is the same with bookings. When you consider that 39% of travel bookings are made outside

normal office hours and that only 1 in 3 people leave a voicemail when they ring, there is a huge potential for lost bookings.

Let's consider the pipe analogy a little further…

Every day you receive emails about your tours, this requires you to get back to the customer often with long delays between each email. Naturally some drop off and you don't hear back from them. This is normal, right? Wrong! These customers may have been impatient and wanted to secure a booking, they too are stuck for time and may have simply booked another service. That's a lost booking that was yours for the taking and like the leaky pipe over the course of a year this can be very expensive.

Programming Languages Used:

1. **HTML:** Html is used for the basic front end design of our webapp and it helps in giving structure to our page.

2. **CSS:** Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document, including plain XML, SVG and XUL, and is applicable to rendering in speech, or on other media. Along with HTML and JavaScript, CSS is a cornerstone technology used by most websites to create visually engaging webpages, user interfaces for web applications, and user interfaces for many mobile applications.

3. **<u>Javascript:</u>** JavaScript is a cross-platform, object-oriented scripting language. It is a small and lightweight language. Inside a host environment (for example, a web browser), JavaScript can be connected to the objects of its environment to provide programmatic control over them.

JavaScript contains a standard library of objects, such as Array, Date, and Math, and a core set of language elements such as operators, control structures, and statements. Core JavaScript can be extended for a variety of purposes by supplementing it with additional objects; for example:

- *Client-side JavaScript* extends the core language by supplying objects to control a browser and its Document Object Model (DOM). For example, client-side extensions allow an application to place elements on an HTML form and respond to user events such as mouse clicks, form input, and page navigation.
- *Server-side JavaScript* extends the core language by supplying objects relevant to running JavaScript on a server. For example, server-side extensions allow an application to communicate with a database, provide continuity of information from one invocation to another of the application, or perform file manipulations on a server.

4. PHP : Php is used to dynamically update the values on our webpage and help in querying the database and receiving the query results from the hosted database and get it to the webpage also PHP helps in dynamically monitoring the changes and transferring data from one page to another using GET and POST requests as well as set user data used for a particular SESSION.
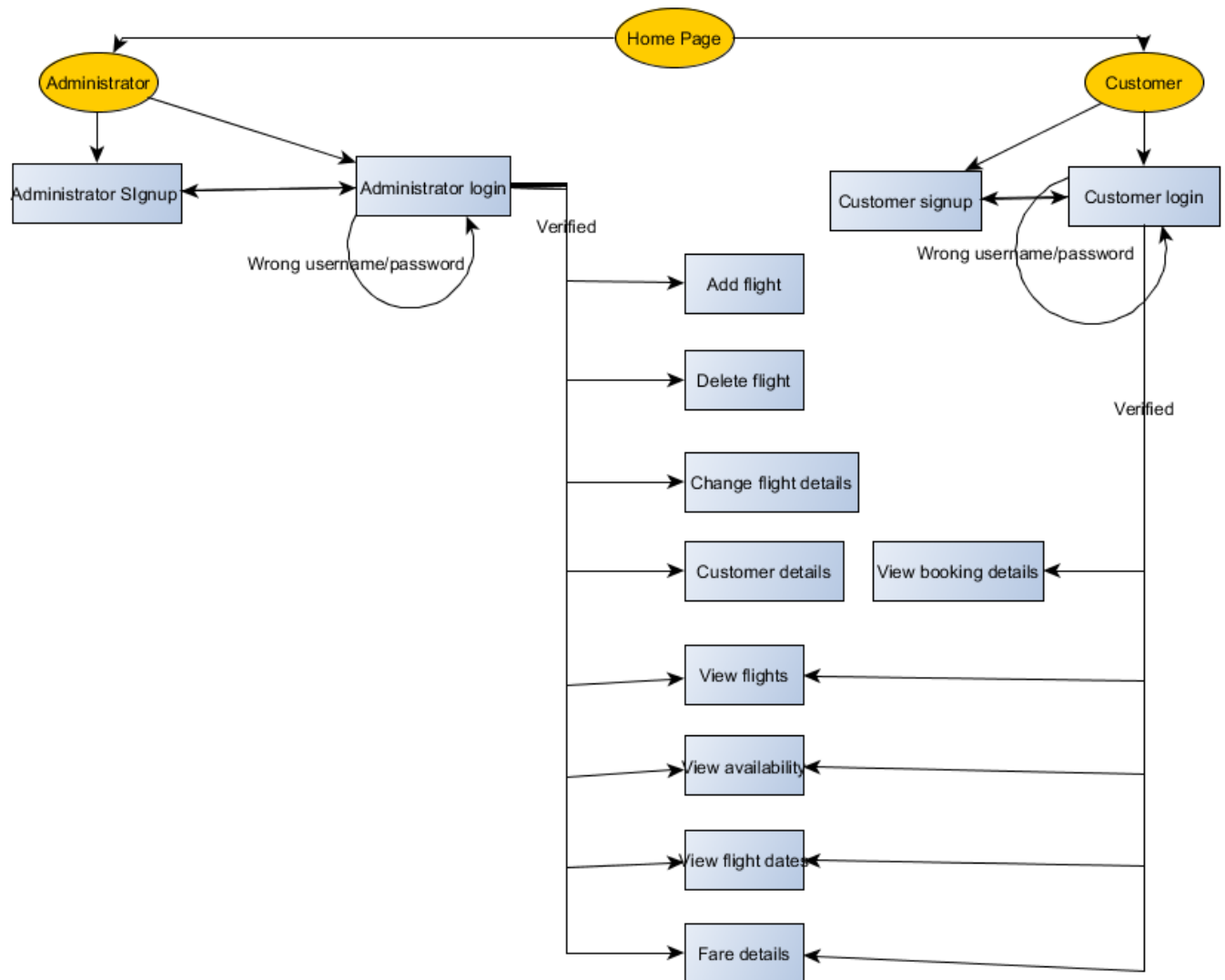
5. MDL: The MDL component library includes new versions of common user interface controls such as buttons, check boxes, and text fields, adapted to follow Material Design concepts. The library also includes enhanced and specialized features like cards, column layouts, sliders, spinners, tabs, typography, and more. MDL is free to download and use, and may be used with or without any library or development environment (such as Web Starter Kit). It is a cross-browser, cross-OS web developer's toolkit that can be used by anyone who wants to write more productive, portable, and — most importantly — usable web pages.

6.Jquery: jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

Why did we use php and mySQL combination to build our webapp?

1. Easy: This server side scripting language is extremely easy to learn, as compared to other languages. Also, if you are familiar with the syntax of C or Perl, you will learn PHP easily and quickly; all thanks to easy to understand syntax!
2. Control: While other languages need long scripts, PHP can do the same work in a few lines of code; having the maximum control over the websites. Also, whenever you want to make changes, you can edit is easily.
3. Cost efficient: As you know, PHP is open source, it is free of cost. You need not buy expensive software for it. Your website will be developed in the minimal cost.
4. Efficient: As you know you can enhance the performance of the website built in PHP, as it is scalable when writing the code as well as reliable too when you need to deal with a lot of web pages.
5. Access to support: As PHP is being used by a huge number of people, a large community is formed. So, you need not worry if you get stuck somewhere. You will easily get the support from them.
6. Platform independent: Whether it is Windows, MacOS, Linux or UNIX; it supports all the major web browsers.
7. Supports all servers: PHP also supports all the major web servers; be it Apache or Microsoft IIS. It also supports Netscape and personal web server.
8. Speedy: PHP uses its own memory, so the workload of the server and loading time gets reduced automatically, which results into the faster processing speed. So, it reduces the development time when it comes to the web apps like eCommerce or CRM.
9. Secured: It is one of the most secured way of developing websites and web applications; as it has got a security layer to protect against viruses and threats.
10. Tested, proven and trusted: As it has been used for over 2 decades by millions of people, its capabilities have been tested and proven and thus trusted by the most developers.

The Database tables structure and the relation:

Tables:

	Table ▲	Action	Rows ⑦	Type	Collation	Size	Overhead
☐	adminlogin	☆ ▦ Browse ⚡ Structure ⚡ Search ⚡ Insert ▦ Empty ⊖ Drop	3	InnoDB	latin1_swedish_ci	32 KiB	-
☐	booking	☆ ▦ Browse ⚡ Structure ⚡ Search ⚡ Insert ▦ Empty ⊖ Drop	20	InnoDB	latin1_swedish_ci	32 KiB	-
☐	customerlogin	☆ ▦ Browse ⚡ Structure ⚡ Search ⚡ Insert ▦ Empty ⊖ Drop	3	InnoDB	latin1_swedish_ci	64 KiB	-
☐	flight	☆ ▦ Browse ⚡ Structure ⚡ Search ⚡ Insert ▦ Empty ⊖ Drop	25	InnoDB	latin1_swedish_ci	32 KiB	-
	4 tables	Sum	51	InnoDB	latin1_swedish_ci	160 KiB	0 B

Individual Table Structures:

adminlogin

	#	Name	Type	Collation	Attributes	Null	Default	Extra
☐	1	AID 🔑	int(4)			No	None	
☐	2	Username 🔑	varchar(20)			No	None	
☐	3	Password	varchar(10)			No	None	

Booking

	#	Name	Type	Collation	Attributes	Null	Default	Extra
☐	1	TicketID 🔑🔑	int(6)			No	None	AUTO_INCREMENT
☐	2	F_no	varchar(5)			No	None	
☐	3	Source	varchar(30)			No	None	
☐	4	Destination	varchar(30)			No	None	
☐	5	Cid	int(5)			No	None	
☐	6	Date	text			No	None	
☐	7	Fare	varchar(5)			No	None	

Customerlogin

#	Name	Type	Collation	Attributes	Null	Default	Extra
1	Customer_id 🔑	int(5)			No	None	AUTO_INCREMENT
2	First_name	varchar(30)			No	None	
3	Last_name	varchar(30)			No	None	
4	email_id 🔑	varchar(50)			No	None	
5	DOB	text			No	None	
6	Gender	varchar(6)			No	None	
7	Nationality	varchar(30)			No	None	
8	Occupation	varchar(30)			No	None	
9	Address	text			No	None	
10	City	varchar(25)			No	None	
11	State	varchar(20)			No	None	
12	Mobile_no 🔑	varchar(10)			No	None	
13	Password	varchar(15)			No	None	

Flight

#	Name	Type	Collation	Attributes	Null	Default	Extra
1	TID 🔑	int(11)			No	None	AUTO_INCREMENT
2	F_no 🔑	varchar(6)			No	None	
3	Origin	varchar(30)			No	None	
4	Destination	varchar(30)			No	None	
5	Dep	varchar(10)			No	None	
6	Arr	varchar(10)			No	None	
7	Fare	int(5)			No	None	

All tables:

dbmsproject **customerlogin**
- Customer_id : int(5)
- First_name : varchar(30)
- Last_name : varchar(30)
- email_id : varchar(50)
- DOB : text
- Gender : varchar(6)
- Nationality : varchar(30)
- Occupation : varchar(30)
- Address : text
- City : varchar(25)
- State : varchar(20)
- Mobile_no : varchar(10)
- Password : varchar(15)

dbmsproject **flight**
- TID : int(11)
- F_no : varchar(6)
- Origin : varchar(30)
- Destination : varchar(30)
- Dep : varchar(10)
- Arr : varchar(10)
- #Fare : int(5)

dbmsproject **booking**
- TicketID : int(6)
- F_no : varchar(5)
- Source : varchar(30)
- Destination : varchar(30)
- #Cid : int(5)
- Date : text
- Fare : varchar(5)

dbmsproject **adminlogin**
- AID : int(4)
- Username : varchar(20)
- Password : varchar(10)

Connecting the database to the Website:

For connecting the database to the website and process the queries as requested and required by the database we are using php and musqli on the phpmyadmin service hosted on the apache server setup locally on our computer.

For the database connection we need to have the following code in php that helps in connecting the database

Dbconn.php

```php
<?php
   $dbhost = 'localhost';
   $dbuser = 'root';
   $dbpass = '';
   $conn = mysqli_connect($dbhost, $dbuser, $dbpass, "dbmsproject");//dbmsproject
here is the name of the database being referred to
   if(! $conn )
   {
      die('Could not connect: ' . mysqli_error());
   }
```

```php
    mysqli_select_db($conn, 'dbmsproject') or die(mysqli_error());
?>
```

SO whenever we need the connection of a page to the data base using the require command in php as shown;

```php
require 'db_conn.php';
```

Individual Webpages and the codes:

User Login Page:

```html
<Html>

<Head>
    <Title>Flight Booking System</Title>
    <link rel="stylesheet" href="Front with CSS.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://code.getmdl.io/1.3.0/material.teal-
orange.min.css" />
    <script
src="https://storage.googleapis.com/code.getmdl.io/1.0.6/material.min.js"></scrip
t>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
    <link rel="stylesheet" href="css/footer-distributed-with-address-and-
phones.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css">
    <link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet"
type="text/css">
</Head>

<Body>
    <div class="mdl-layout mdl-js-layout mdl-layout--fixed-header">
        <header class="mdl-layout__header">
            <div class="mdl-layout__header-row">
                <!-- Title -->
                <span class="mdl-layout-title">Login</span>
                <!-- Add spacer, to align navigation to the right -->
                <div class="mdl-layout-spacer"></div>
                <!-- Navigation. We hide it in small screens. -->
```

```html
                    <nav class="mdl-navigation mdl-layout--large-screen-only">
                        <a class="mdl-navigation__link" href="home.php">Home</a>
                        <a class="mdl-navigation__link" href="form.php">Signup</a>
                        <a class="mdl-navigation__link" href="front.php">Login</a>
                        <a class="mdl-navigation__link" href="Aboutus.php">About
Us</a>
                        <a class="mdl-navigation__link"
href="Admin_login.php">Administrators</a>
                    </nav>
                </div>
        </header>
        <div class="mdl-layout__drawer">
            <span class="mdl-layout-title">Login</span>
            <nav class="mdl-navigation">
                <a class="mdl-navigation__link" href="home.php">Home</a>
                <a class="mdl-navigation__link" href="form.php">Signup</a>
                <a class="mdl-navigation__link" href="front.php">Login</a>
                <a class="mdl-navigation__link" href="Aboutus.php">About Us</a>
                <a class="mdl-navigation__link"
href="Admin_login.php">Administrators</a>
            </nav>
        </div>
        <main class="mdl-layout__content">
            <div class="page-content">
                <!-- Your content goes here -->
                <div class="container">
                    <div class="header">
                        <Img Src="logo.jpg" align="left" height="19.5%"
width="15%" ALT="Flight Logo">

                        <br>
                        <div class="mdl-typography--display-1">VIT Airlines</div>
                        <div class="mdl-typography--title">The Way To
Fly</div><br><br>
                    </div>
                    <div class="section">
                        <Img Src="airplane.jpg" height="70%" ALT="Plane"
align="left">
                    </div>
                    <br>
                    <br><br>
                    <form action="logged.php" method="POST">
                    <div class="login">
                    <div class="mdl-shadow--16dp" style="background-
color:#000000">
```

```html
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff"><center>Log In</center></div>
                            <br>
                          </div><br><br>
                          <div class="mdl-textfield mdl-js-textfield mdl-textfield-
-floating-label">
                                  <input class="mdl-textfield__input" type="text"
id="Loginid" name="Loginid">
                                  <label class="mdl-textfield__label"
for="Loginid">Email Id</label>
                          </div>

                          <div class="mdl-textfield mdl-js-textfield mdl-textfield-
-floating-label">
                                  <input class="mdl-textfield__input" type="password"
id="Password" name="Password">
                                  <label class="mdl-textfield__label"
for="Password">Password</label>
                          </div><br><br>
                          <input type="submit" name="login" value="Login"
class="mdl-button mdl-js-button mdl-button--raised mdl-js-ripple-effect mdl-
button--accent"/>

                          <input type="button" name="forget" value="Forgot
Password" class="mdl-button mdl-js-button mdl-button--raised mdl-js-ripple-effect
mdl-button--accent"/>

                          <br><br>
                          <input type="button" value="Sign Up" name="redir"
onclick="windows.location='form.php';" class="mdl-button mdl-js-button mdl-
button--raised mdl-js-ripple-effect mdl-button--accent"/>

                    </div>
                    <br><br><br><br><br><br><br><br>


            </div>
        </div>
        <footer class="footer-distributed">

     <div class="footer-left">

        <h3>Tap<span></span>tick</h3>
```

```html
            <p class="footer-links">
                <a href="home.php">Home</a> ·
                <a href="form.php">Signup</a> .
                <a href="front.php">Login</a> ·
                <a href="Aboutus.php">About Us</a> ·
                <a href="Admin_login.php">Administrators</a>
            </p>

            <p class="footer-company-name">Taptick &copy; 2017</p>
        </div>

        <div class="footer-center">

            <div>
                <i class="fa fa-map-marker"></i>
                <p><span>VIT UNIVERSITY</span> Chennai, India</p>
            </div>

            <div>
                <i class="fa fa-phone"></i>
                <p>+91 67856 73456</p>
            </div>

            <div>
                <i class="fa fa-envelope"></i>
                <p><a
href="mailto:dwijhariket@gmail.com">support@taptick.com</a></p>
            </div>

        </div>

        <div class="footer-right">

            <p class="footer-company-about">
                <span>About the company</span> Providing the best ticket booking
experience with the least use of user inputs to deliver a hassle free experience
and the best fares on our flights.
            </p>

            <div class="footer-icons">

                <a href="#"><i class="fa fa-facebook"></i></a>
                <a href="#"><i class="fa fa-twitter"></i></a>
                <a href="#"><i class="fa fa-linkedin"></i></a>
```
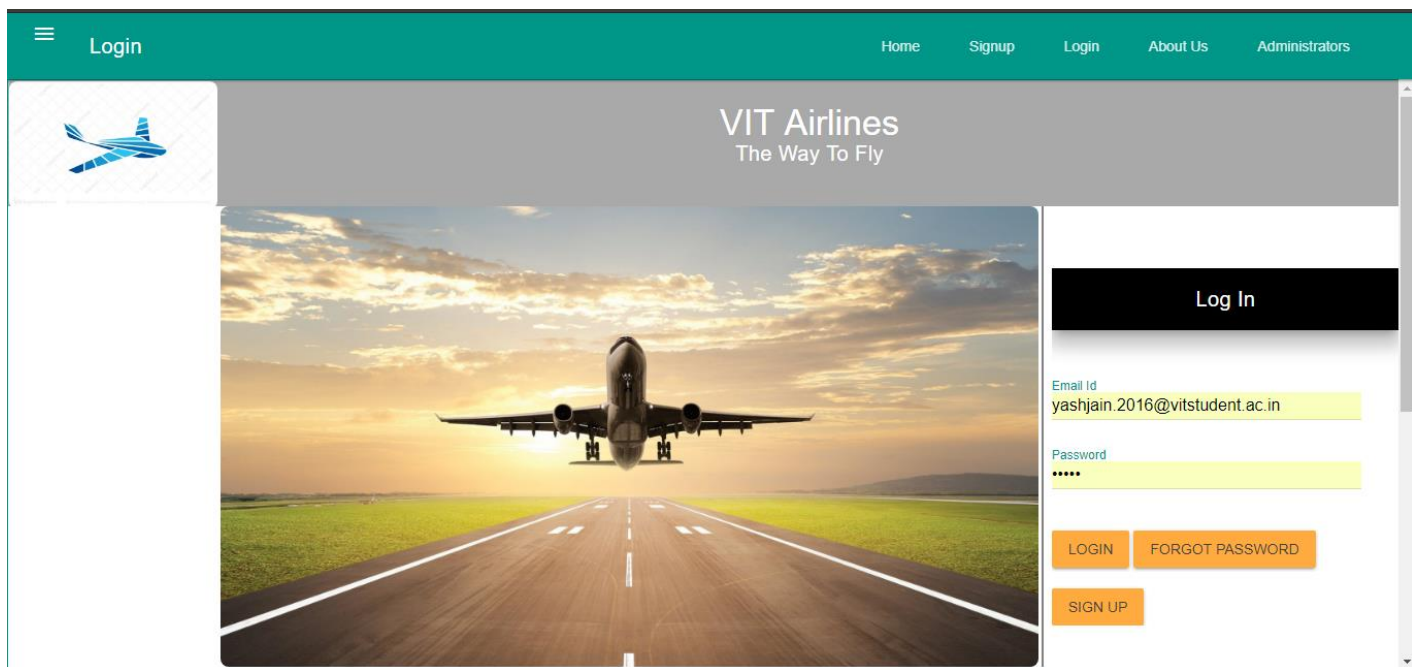
```
                <a href="https://github.com/dwij2812/FlightBooking-system"><i
class="fa fa-github"></i></a>

            </div>

        </div>

    </footer>
        </main>
</Body>

</Html>
```


After Login the following page will be displayed

Logged.php

```php
<?php
    require 'db_conn.php';
    $login = $_POST['Loginid'];
    session_start();
    $pass = $_POST['Password'];
    if (isset($_POST['Login']))
```

```
?>
<html>
<Title>Your Account</title>
<head>
    <link rel="stylesheet" href="Front with CSS.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://code.getmdl.io/1.3.0/material.teal-
orange.min.css" />
    <script
src="https://storage.googleapis.com/code.getmdl.io/1.0.6/material.min.js"></scrip
t>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
    <link rel="stylesheet" href="css/footer-distributed-with-address-and-
phones.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css">
    <link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet"
type="text/css">
</head>

<body background="airplane.jpg">
    <div class="mdl-layout mdl-js-layout mdl-layout--fixed-header">
        <header class="mdl-layout__header">
            <div class="mdl-layout__header-row">
                <!-- Title -->
                <span class="mdl-layout-title">Your Account</span>
                <!-- Add spacer, to align navigation to the right -->
                <div class="mdl-layout-spacer"></div>
                <!-- Navigation. We hide it in small screens. -->
                <nav class="mdl-navigation mdl-layout--large-screen-only">
                    <a class="mdl-navigation__link" href="home.php">Home</a>
                    <a class="mdl-navigation__link" href="form.php">Signup</a>
                    <a class="mdl-navigation__link" href="front.php">Login</a>
                    <a class="mdl-navigation__link" href="Aboutus.php">About
Us</a>
                    <a class="mdl-navigation__link"
href="Admin_login.php">Administrators</a>
                </nav>
            </div>
        </header>
        <div class="mdl-layout__drawer">
            <span class="mdl-layout-title">Your Account</span>
            <nav class="mdl-navigation">
                <a class="mdl-navigation__link" href="home.php">Home</a>
```

```html
                <a class="mdl-navigation__link" href="form.php">Signup</a>
                <a class="mdl-navigation__link" href="front.php">Login</a>
                <a class="mdl-navigation__link" href="Aboutus.php">About Us</a>
                <a class="mdl-navigation__link"
href="Admin_login.php">Administrators</a>
          </nav>
      </div>
      <main class="mdl-layout__content">
          <div class="page-content">
          <br><br>
          <center>
                    <div class="demo-card-wide mdl-card mdl-shadow--16dp">
                        <div class="mdl-shadow--16dp" style="background-
color:#000000">
                        <br>
                        <div class="mdl-typography--title"
style="color:#ffffff">Account Details:</div>
                        <br>
                        </div>


    <?php
    $sql="SELECT * FROM customerlogin where email_id='".$login."' and
password='".$pass."'";
    $result=mysqli_query($conn,$sql);
    $count=mysqli_num_rows($result);
    if($count==1)
    {
        echo '<script type="text/javascript">alert("You have successfully Logged
in")</script>';
        $row=mysqli_fetch_assoc($result);
        echo '<br><br><div class=\"mdl-typography--subtitle\">Customer ID:
'.$row['Customer_id'].'<br>First name: '.$row['First_name'].'<br>Last name:
'.$row['Last_name'].'<br>Mobile Number: '.$row['Mobile_no'].'</div>';
        $_SESSION["Customer_id"] =$row['Customer_id'];
    }
    else
    {
        echo '<script type="text/javascript">alert("Invalid Email-Id or
Password");history.go(-1);</script>';
    }

    ?>
    <br>
    <br>
```

```html
    <div class="mdl-shadow--16dp" style="background-color:#000000"><br>
    <div class="mdl-shadow--16dp" style="background-color:#f4b342"><br>
                        <a class="mdl-navigation__link" href="home.php"><div
class="mdl-typography--title" style="color:#000000;font-size:15px"><b>Book
Now</b></div></a>
                        <br>
                        </div>
                        <div class="mdl-shadow--16dp" style="background-
color:#f4b342"><br>
                        <a class="mdl-navigation__link"
href="user_flight_view.php"><div class="mdl-typography--title"
style="color:#000000;font-size:15px"><b>View Previous Bookings</b></div></a>
                        <br>
                        </div>
                        <div class="mdl-shadow--16dp" style="background-
color:#f4b342"><br>
                        <a class="mdl-navigation__link"
href="user_cancel.php"><div class="mdl-typography--title"
style="color:#000000;font-size:15px"><b>Cancel Flights</b></div></a>
                        <br>
                        </div>
                        <br><br>
    <form action="home.php">
<input type="submit" value="Log Out" class="mdl-button mdl-js-button mdl-button--
raised mdl-js-ripple-effect mdl-button--accent">
</form>

    <br>
    </div>
                    </center>
    </div>
    <footer class="footer-distributed">

        <div class="footer-left">

            <h3>Tap<span></span>tick</h3>

            <p class="footer-links">
                <a href="home.php">Home</a> ·
                <a href="form.php">Signup</a> .
                <a href="front.php">Login</a> ·
                <a href="Aboutus.php">About Us</a> ·
                <a href="Admin_login.php">Administrators</a>
            </p>
```

```html
            <p class="footer-company-name">Taptick &copy; 2017</p>
        </div>

        <div class="footer-center">

            <div>
                <i class="fa fa-map-marker"></i>
                <p><span>VIT UNIVERSITY</span> Chennai, India</p>
            </div>

            <div>
                <i class="fa fa-phone"></i>
                <p>+91 67856 73456</p>
            </div>

            <div>
                <i class="fa fa-envelope"></i>
                <p><a
href="mailto:dwijhariket@gmail.com">support@taptick.com</a></p>
            </div>

        </div>

        <div class="footer-right">

            <p class="footer-company-about">
                <span>About the company</span> Providing the best ticket booking
experience with the least use of user inputs to deliver a hassle free experience
and the best fares on our flights.
            </p>

            <div class="footer-icons">

                <a href="#"><i class="fa fa-facebook"></i></a>
                <a href="#"><i class="fa fa-twitter"></i></a>
                <a href="#"><i class="fa fa-linkedin"></i></a>
                <a href="https://github.com/dwij2812/FlightBooking-system"><i
class="fa fa-github"></i></a>

            </div>

        </div>

    </footer>
    </main>
```
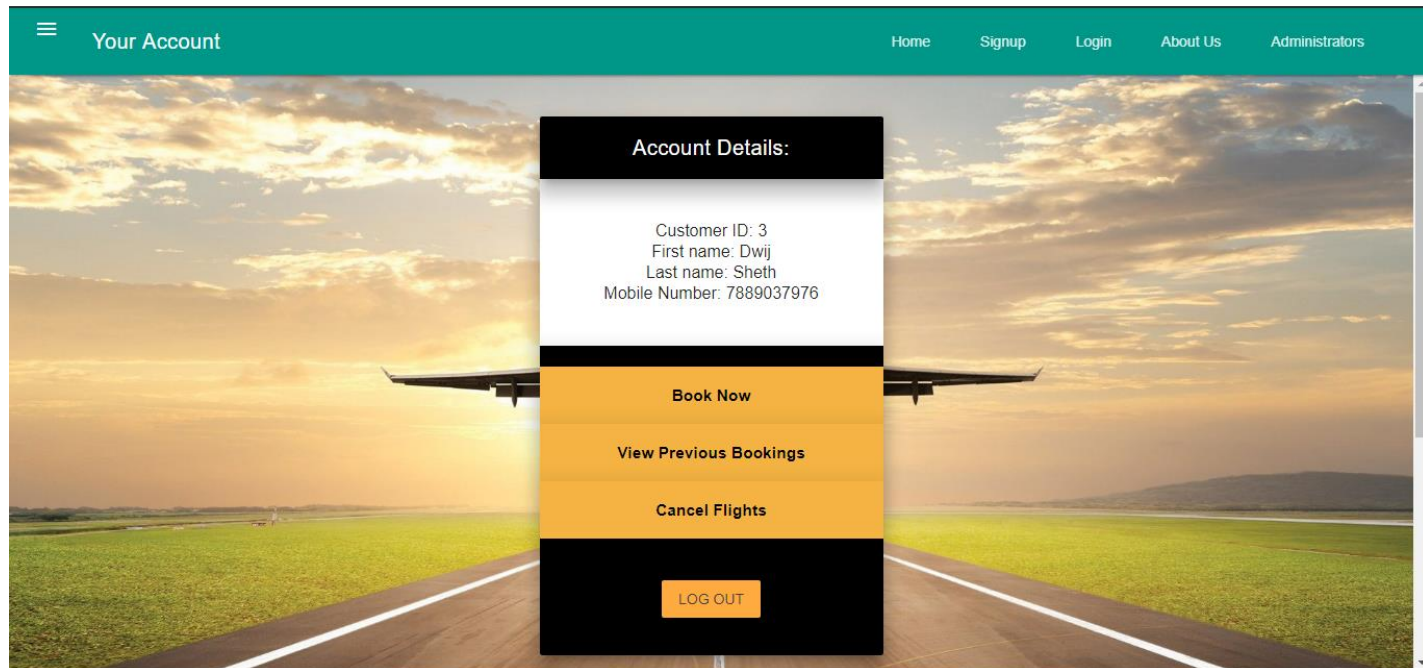
```
</body>
</html>
```


Use can view the flights by clicking the following page

User_flight_view

```php
<?php
require 'db_conn.php';
session_start();
?>

<html>

<head>
    <title>Your Flights</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="Front with CSS.css">
    <link rel="stylesheet" href="https://code.getmdl.io/1.3.0/material.teal-
orange.min.css" />
    <script
src="https://storage.googleapis.com/code.getmdl.io/1.0.6/material.min.js"></scrip
t>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
```

```html
    <link rel="stylesheet" href="css/footer-distributed-with-address-and-
phones.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css">
    <link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet"
type="text/css">
</head>


<body background="airplane.jpg">
    <div class="mdl-layout mdl-js-layout mdl-layout--fixed-header">
        <header class="mdl-layout__header">
            <div class="mdl-layout__header-row">
                <!-- Title -->
                <span class="mdl-layout-title">Your Bookings</span>
                <!-- Add spacer, to align navigation to the right -->
                <div class="mdl-layout-spacer"></div>
                <!-- Navigation. We hide it in small screens. -->
                <nav class="mdl-navigation mdl-layout--large-screen-only">
                    <a class="mdl-navigation__link" href="home.php">Home</a>
                    <a class="mdl-navigation__link" href="">About</a>
                    <a class="mdl-navigation__link" href="front.php">Login</a>
                    <a class="mdl-navigation__link" href="Aboutus.php">About
Us</a>
                    <a class="mdl-navigation__link"
href="admin.php">Administrators</a>
                </nav>
            </div>
        </header>
        <div class="mdl-layout__drawer">
            <span class="mdl-layout-title">Your Bookings</span>
            <nav class="mdl-navigation">
                <a class="mdl-navigation__link" href="home.php">Home</a>
                <a class="mdl-navigation__link" href="">About</a>
                <a class="mdl-navigation__link" href="front.php">Login</a>
                <a class="mdl-navigation__link" href="Aboutus.php">About Us</a>
                <a class="mdl-navigation__link"
href="admin.php">Administrators</a>
            </nav>
        </div>
        <br><br>
            <div class="page-content"><center>
                <br><br><br>
                <center>
            <br><br><br><br>
```

```html
        <div class="mdl-card mdl-shadow--16dp" style="width:800px">
        <div class="mdl-shadow--16dp" style="background-color:#000000">
                        <br>
                        <div class="mdl-typography--title"
style="color:#ffffff">Your Flights</div>
                        <br>
                        </div>
        <br><br>
        <table class="mdl-data-table mdl-js-data-table mdl-shadow--8dp">
  <thead>
    <tr>
      <th>Ticket Id.</th>
      <th>Flight No.</th>
      <th>Origin</th>
      <th>Destination</th>
      <th>Date </th>
      <th>Fare</th>
    </tr>
  </thead>
  <tbody>

            <?php
                $sql = "SELECT * from booking where
Cid='".$_SESSION["Customer_id"]."' order by Date";
                $result = mysqli_query($conn,$sql);
                while($row=mysqli_fetch_assoc($result)){
                    echo "<tr>";
                    echo "<td><b>" . $row['TicketID'] . "</b></td>";
                    echo "<td>" . $row['F_no'] . "</td>";
                    echo "<td>" . $row['Source'] . "</td>";
                    echo "<td>" . $row['Destination'] . "</td>";
                    echo "<td>" . $row['Date'] . "</td>";
                    echo "<td>" . $row['Fare'] . "</td>";
                    echo "</tr>";
                }
            ?>
            </tbody>
</table>
<br><br>
<div class="mdl-shadow--16dp" style="background-color:#212121"><br>
<div class="mdl-shadow--16dp" style="background-color:#f4b342"><br>
                        <a class="mdl-navigation__link" href="front.php"><div
class="mdl-typography--title" style="color:#000000;font-size:15px"><b>Go
Back</b></div></a>
                        <br>
```

```html
                </div>

                </button>
                <br><br>
                </div>
                </div>
                <br><br><br>
                </div>
        </div>
        </center>

            </div>

        </main>
    </body>
</html>
```
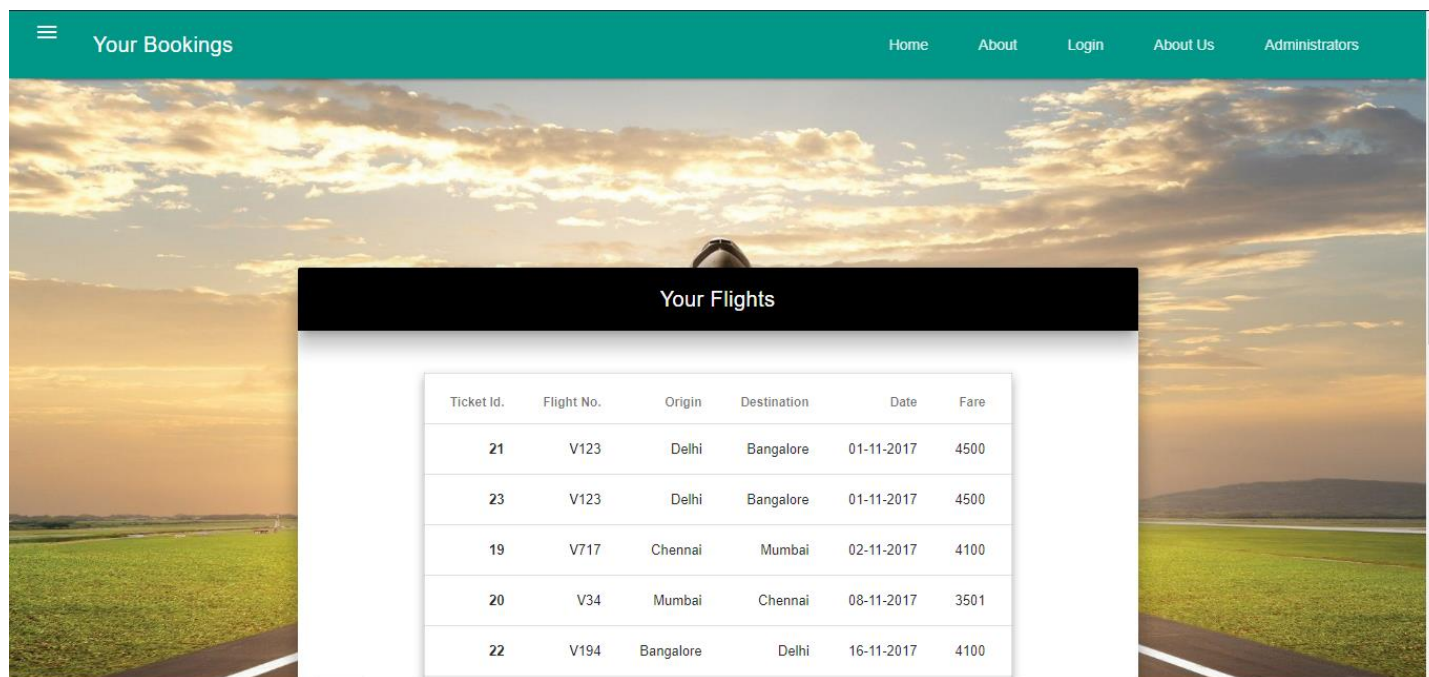

If user selects the cancel flight option then he will get the following

User_cancel.php

```php
<?php
require 'db_conn.php';
session_start();
?>
```

```html
<html>

<head>
    <title>Cancel Flight</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="Front with CSS.css">
    <link rel="stylesheet" href="https://code.getmdl.io/1.3.0/material.teal-orange.min.css" />
    <script src="https://storage.googleapis.com/code.getmdl.io/1.0.6/material.min.js"></script>
    <link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons">
    <link rel="stylesheet" href="css/footer-distributed-with-address-and-phones.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-awesome/4.2.0/css/font-awesome.min.css">
    <link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet" type="text/css">
</head>


<body background="airplane.jpg">
    <div class="mdl-layout mdl-js-layout mdl-layout--fixed-header">
        <header class="mdl-layout__header">
            <div class="mdl-layout__header-row">
                <!-- Title -->
                <span class="mdl-layout-title">Cancel a Flight</span>
                <!-- Add spacer, to align navigation to the right -->
                <div class="mdl-layout-spacer"></div>
                <!-- Navigation. We hide it in small screens. -->
                <nav class="mdl-navigation mdl-layout--large-screen-only">
                    <a class="mdl-navigation__link" href="home.php">Home</a>
                    <a class="mdl-navigation__link" href="">About</a>
                    <a class="mdl-navigation__link" href="front.php">Login</a>
                    <a class="mdl-navigation__link" href="Aboutus.php">About Us</a>
                    <a class="mdl-navigation__link" href="admin.php">Administrators</a>
                </nav>
            </div>
        </header>
        <div class="mdl-layout__drawer">
            <span class="mdl-layout-title">Cancel a Flight</span>
```

```html
        <nav class="mdl-navigation">
            <a class="mdl-navigation__link" href="home.php">Home</a>
            <a class="mdl-navigation__link" href="">About</a>
            <a class="mdl-navigation__link" href="front.php">Login</a>
            <a class="mdl-navigation__link" href="Aboutus.php">About Us</a>
            <a class="mdl-navigation__link"
href="admin.php">Administrators</a>
        </nav>
    </div>
    <br><br>
        <div class="page-content"><center>
            <br><br><br>
            <center>
    <br><br>
    <div class="mdl-card mdl-shadow--16dp" style="width:800px">
    <div class="mdl-shadow--16dp" style="background-color:#000000">
                <br>
                <div class="mdl-typography--title"
style="color:#ffffff">Search Results</div>
                <br>
                </div>
    <br><br>
    <table class="mdl-data-table mdl-js-data-table mdl-shadow--8dp">
  <thead>
    <tr>
    <th>Ticket Id.</th>
    <th>Flight No.</th>
    <th>Origin</th>
    <th>Destination</th>
    <th>Date </th>
    <th>Fare</th>
      <th>Select Flight</th>
    </tr>
  </thead>
  <tbody>
        <form action='user_cancel_success.php' method="POST">
            <?php
                $sql = "SELECT * from booking where
Cid='".$_SESSION["Customer_id"]."' order by Date";
                $result = mysqli_query($conn,$sql);
                while($row=mysqli_fetch_assoc($result)){
                    echo "<tr>";
                    echo "<td><b>" . $row['TicketID'] . "</b></td>";
                    echo "<td>" . $row['F_no'] . "</td>";
                    echo "<td>" . $row['Source'] . "</td>";
```

```php
                        echo "<td>" . $row['Destination'] . "</td>";
                        echo "<td>" . $row['Date'] . "</td>";
                        echo "<td>" . $row['Fare'] . "</td>";
                        echo "<td><label class=\"mdl-radio mdl-js-radio mdl-js-
ripple-effect\" for=\"".$row['TicketID']."\">
                        <input type=\"radio\" id=\"".$row['TicketID']."\"
class=\"mdl-radio__button\" name=\"cancel_flight\"
value=\"".$row['TicketID']."\">
                        </label></td>";
                        echo "</tr>";
                    }
            ?>
            </tbody>
</table>
<br><br>
<div class="mdl-shadow--16dp" style="background-color:#212121"><br>
<input type="Submit" name="cancel" value="Cancel the selected Flight" class="mdl-
button mdl-js-button mdl-button--raised mdl-js-ripple-effect mdl-button--accent">

                    </button>
                    <br><br>
                    </div>
                    </div>
                    <br><br><br>
                    </div>
        </form>
        </div>
        </center>


            </div>
        </main>
    </body>
</html>
```
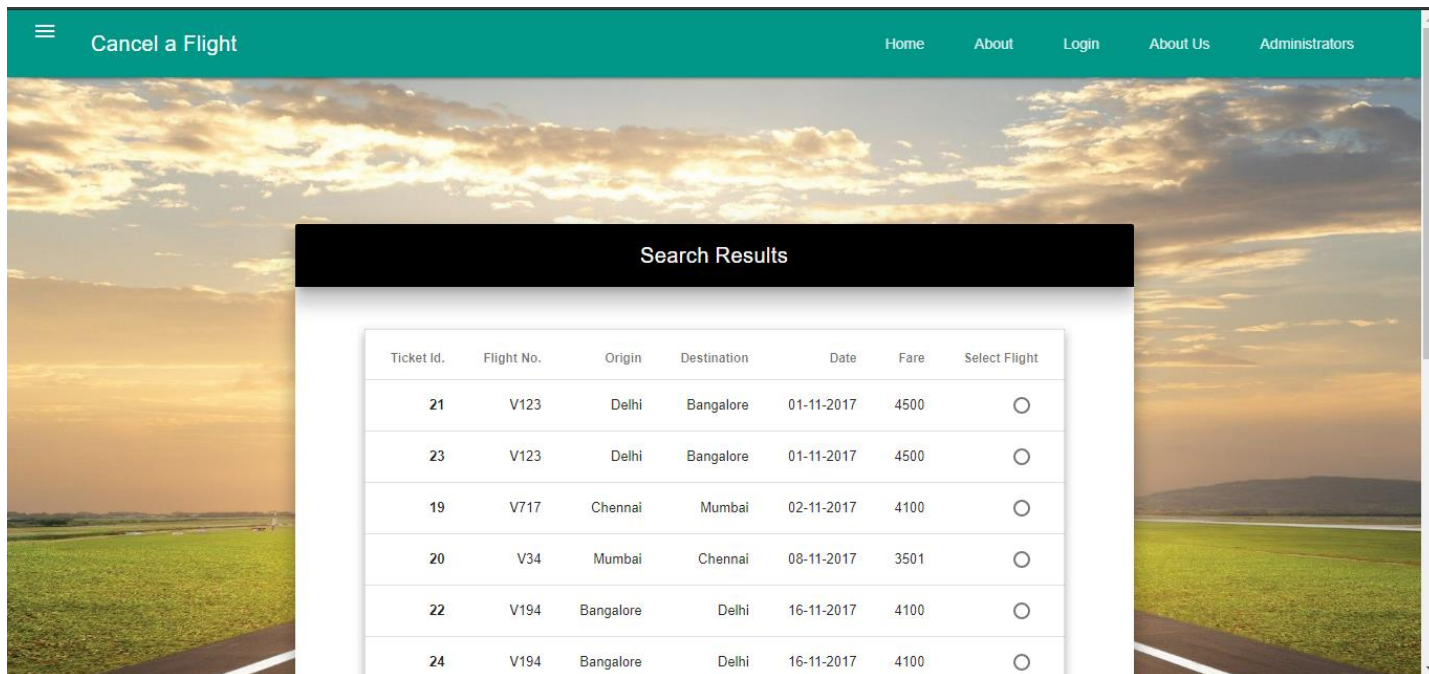
If the user selects book now then he will go to the following webpage:

Home.php

```php
<?php
session_start();
?>
<html>
<Title>Homepage</title>
<head>
<link rel="stylesheet" href="css/demo.css">
    <link rel="stylesheet" href="css/footer-distributed-with-address-and-
phones.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css">
    <link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet"
type="text/css">
    <link rel="stylesheet" href="Front with CSS.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://code.getmdl.io/1.3.0/material.teal-
orange.min.css" />
    <script
src="https://storage.googleapis.com/code.getmdl.io/1.0.6/material.min.js"></scrip
t>
```

```html
    <script src="gen_validatorv4.js" type="text/javascript"></script>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
    <link rel="stylesheet" href="//code.jquery.com/ui/1.12.1/themes/base/jquery-
ui.css">
    <script src="https://code.jquery.com/jquery-1.12.4.js"></script>
  <script src="https://code.jquery.com/ui/1.12.1/jquery-ui.js"></script>
  <script>//mindate=0, dateFormat: "dd-mm-yy",
  $(document).ready(function () {
    var d = new Date();
    var monthNames = ["January", "February", "March", "April", "May", "June",
        "July", "August", "September", "October", "November", "December"];
    today = monthNames[d.getMonth()] + ' ' + d.getDate() + ' ' + d.getFullYear();

    $('#to').attr('disabled', 'disabled');
    $('#from').datepicker({
        defaultDate: "+1d",
        minDate: 0,
        maxDate: "+3M",
        dateFormat: 'dd-mm-yy',
        showOtherMonths: true,
        changeMonth: true,
        selectOtherMonths: true,
        required: true,
        showOn: "focus",
        showButtonPanel: true,
        numberOfMonths: 1,
    });

    $('#from').change(function () {
        var from = $('#from').datepicker('getDate');
        var date_diff = Math.ceil((from.getTime() - Date.parse(today)) /
86400000);
        var maxDate_d = date_diff+3+'m';
        date_diff = date_diff + 'd';

$('#to').val('').removeAttr('disabled').removeClass('hasDatepicker').datepicker({
            dateFormat: 'dd-mm-yy',
            minDate: date_diff,
            maxDate: maxDate_d
        });
    });

    $('#to').keyup(function () {
        $(this).val('');
```

```
            alert('Please select date from Calendar');
        });
        $('#from').keyup(function () {
            $('#from,#to').val('');
            $('#to').attr('disabled', 'disabled');
            alert('Please select date from Calendar');
        });

    });


  </script>
</head>

<body background="airplane.jpg">
    <div class="mdl-layout mdl-js-layout mdl-layout--fixed-header">
        <header class="mdl-layout__header">
            <div class="mdl-layout__header-row">
                <!-- Title -->
                <span class="mdl-layout-title">Home</span>
                <!-- Add spacer, to align navigation to the right -->
                <div class="mdl-layout-spacer"></div>
                <!-- Navigation. We hide it in small screens. -->
                <nav class="mdl-navigation mdl-layout--large-screen-only">
                    <a class="mdl-navigation__link" href="home.php">Home</a>
                    <a class="mdl-navigation__link" href="form.php">Signup</a>
                    <a class="mdl-navigation__link" href="front.php">Login</a>
                    <a class="mdl-navigation__link" href="Aboutus.php">About
Us</a>
                    <a class="mdl-navigation__link"
href="Admin_login.php">Administrators</a>
                </nav>
            </div>
        </header>
        <div class="mdl-layout__drawer">
            <span class="mdl-layout-title">Home</span>
            <nav class="mdl-navigation">
                <a class="mdl-navigation__link" href="home.php">Home</a>
                <a class="mdl-navigation__link" href="form.php">Signup</a>
                <a class="mdl-navigation__link" href="front.php">Login</a>
                <a class="mdl-navigation__link" href="Aboutus.php">About Us</a>
                <a class="mdl-navigation__link"
href="Admin_login.php">Administrators</a>
            </nav>
        </div>
        <main class="mdl-layout__content">
```

```html
        <div class="page-content">
            <!-- Your content goes here -->

            <!--ul>
                <li><a href="">Home</a></li>
                <li><a href="front.html">Login</a></li>
                <li><a href="form.html">Sign Up</a></li>
                <li><a href="">Contact Us</a></li>
            </ul-->
            <div align="right">
            <div class="demo-card-wide mdl-card mdl-shadow--16dp"
style="text-align:center;width:350px;padding:1em 0;height:50px" > <iframe
src="https://www.zeitverschiebung.net/clock-widget-iframe-
v2?language=en&timezone=Asia%2FKolkata" width="100%" height="150" frameborder="0"
seamless></iframe></div>

            </div><br><br>
            <center>
                <div class="demo-card-wide mdl-card mdl-shadow--16dp">
                    <div class="mdl-shadow--16dp" style="background-
color:#000000">
                    <br>
                    <div class="mdl-typography--title"
style="color:#ffffff">Search for Flights:</div>
                    <br>
                    </div>
                    <hr>
                    <form action="searchresultsmodified.php" method="POST"
id="search">
                        <br>
                        <div>
                        <div class="mdl-typography--subtitle"
for="Source">Journey Date:</div>
                        <input type="text" id="from" name="journey_date"
required>
                        </div>
                        <div>
                        <div class="mdl-typography--subtitle"
for="Source">Return Date</div>
                        <input type="text" id="to" name="return_date"
required>
                        </div>
                        <Br>
                        <br>
                        <div class="mdl-typography--subtitle">
```

```html
                                   Where are you flying to ?
                                   </div>

                                   <br>
                                   <br>
<div class="mdl-textfield mdl-js-textfield mdl-textfield--floating-label">
    <select class="mdl-textfield__input" id="Source" name="Source" required>
     <option value=000><i>Origin City</i></option>
     <option value="Delhi">Delhi</option>
     <option value="Mumbai">Mumbai</option>
     <option value="Chennai">Chennai</option>
     <option value="Kolkatta">Kolkatta</option>
     <option value="Bangalore">Bangalore</option>
    </select>
    <label class="mdl-textfield__label" for="Source">Source</label>
</div>
<div class="mdl-textfield mdl-js-textfield mdl-textfield--floating-label">
    <select class="mdl-textfield__input" id="Destination" name="Destination"
required>
     <option value=000><i>Lets Discover Places</i></option>
     <option value="Delhi">Delhi</option>
     <option value="Mumbai">Mumbai</option>
     <option value="Chennai">Chennai</option>
     <option value="Kolkatta">Kolkatta</option>
     <option value="Bangalore">Bangalore</option>
    </select>
    <label class="mdl-textfield__label" for="Destination">Destination</label>
  </div>

                                   <br>
                                   <br>
                                   <div class="mdl-shadow--16dp" style="background-
color:#000000"><br>
                                   <button class="mdl-button mdl-js-button mdl-button--
raised mdl-js-ripple-effect mdl-button--accent">
                          <div class="mdl-typography--subtitle"
style="color:black;font-weight:bolder" name="Search">Search for Flights</div>
                    </button>
                    <br><br>
                    </div>
                    </div>
                    </form>
<script  type="text/javascript">
 var frmvalidator = new Validator("search");
```

```
 frmvalidator.addValidation("Source","dontselect=000","Please enter the Departure
City");
 frmvalidator.addValidation("Destination","dontselect=000","Please enter the
arrival city");
 frmvalidator.addValidation("Destination","neelmnt=Source","Source and
Destination cannot be the same");
</script>
                </center>


                <footer class="footer-distributed">

        <div class="footer-left">

            <h3>Tap<span></span>tick</h3>

            <p class="footer-links">
                <a href="home.php">Home</a> ·
                <a href="form.php">Signup</a> .
                <a href="front.php">Login</a> ·
                <a href="Aboutus.php">About Us</a> ·
                <a href="Admin_login.php">Administrators</a>
            </p>

            <p class="footer-company-name">Taptick &copy; 2017</p>
        </div>

        <div class="footer-center">

            <div>
                <i class="fa fa-map-marker"></i>
                <p><span>VIT UNIVERSITY</span> Chennai, India</p>
            </div>

            <div>
                <i class="fa fa-phone"></i>
                <p>+91 67856 73456</p>
            </div>

            <div>
                <i class="fa fa-envelope"></i>
                <p><a
href="mailto:dwijhariket@gmail.com">support@taptick.com</a></p>
            </div>
```

```html
        </div>

        <div class="footer-right">

            <p class="footer-company-about">
                <span>About the company</span> Providing the best ticket booking
experience with the least use of user inputs to deliver a hassle free experience
and the best fares on our flights.
            </p>

            <div class="footer-icons">

                <a href="#"><i class="fa fa-facebook"></i></a>
                <a href="#"><i class="fa fa-twitter"></i></a>
                <a href="#"><i class="fa fa-linkedin"></i></a>
                <a href="https://github.com/dwij2812/FlightBooking-system"><i
class="fa fa-github"></i></a>

            </div>

        </div>

    </footer>

        </main>
</body>

</html>
```
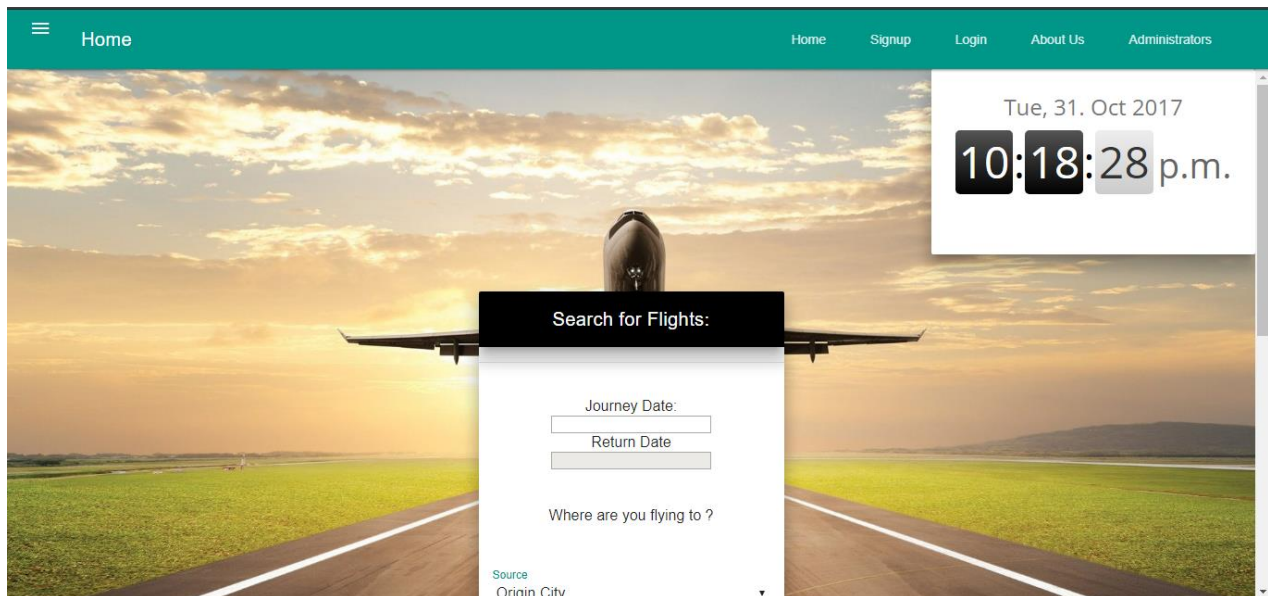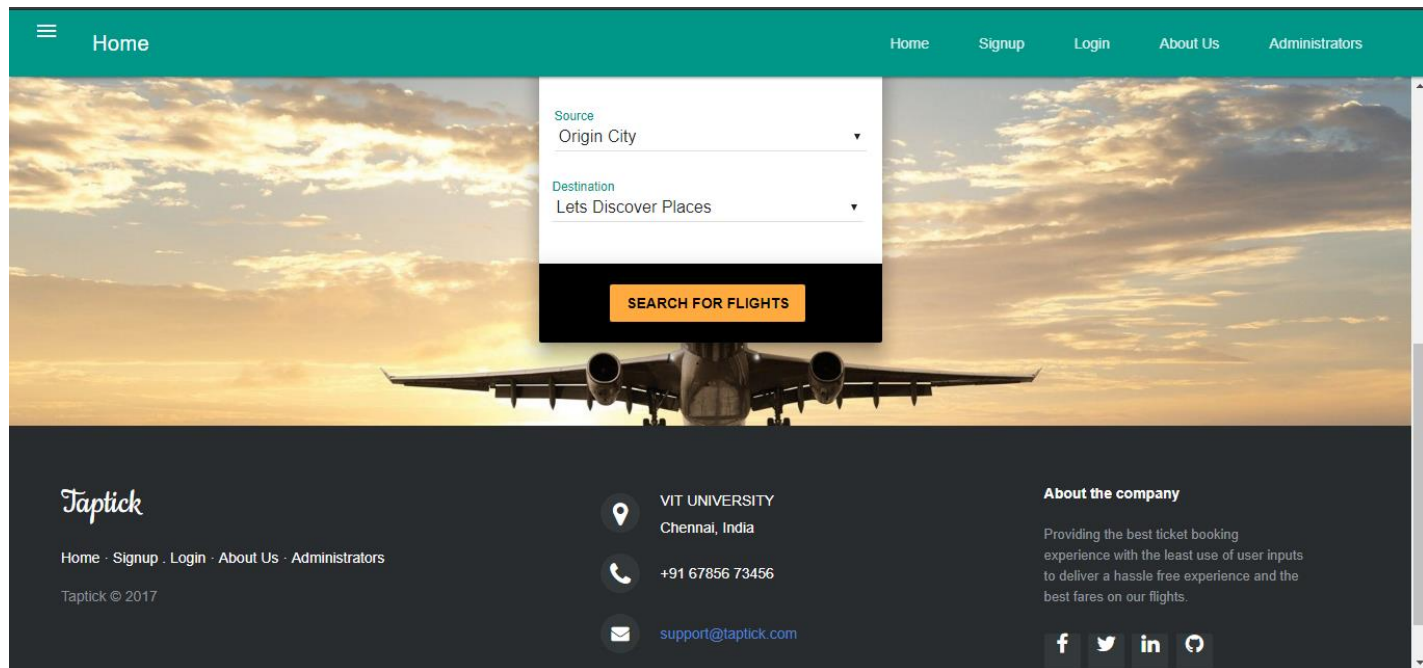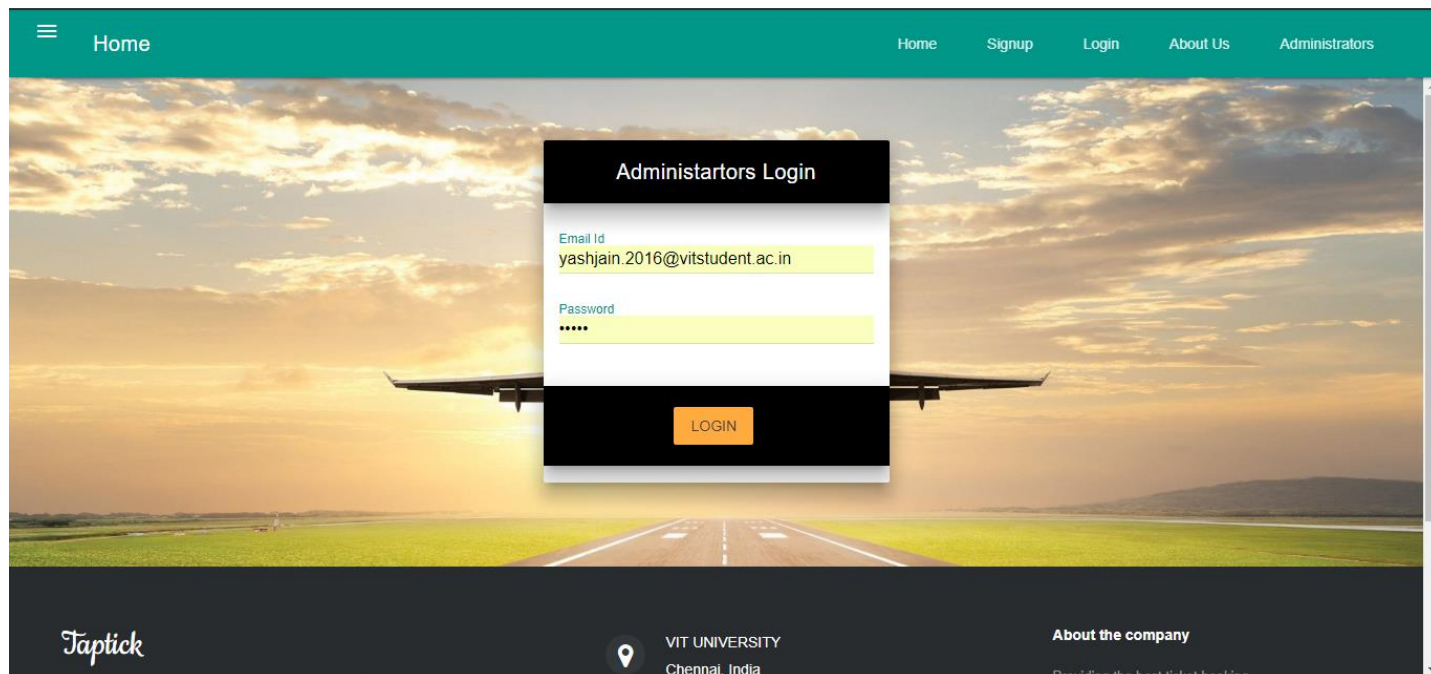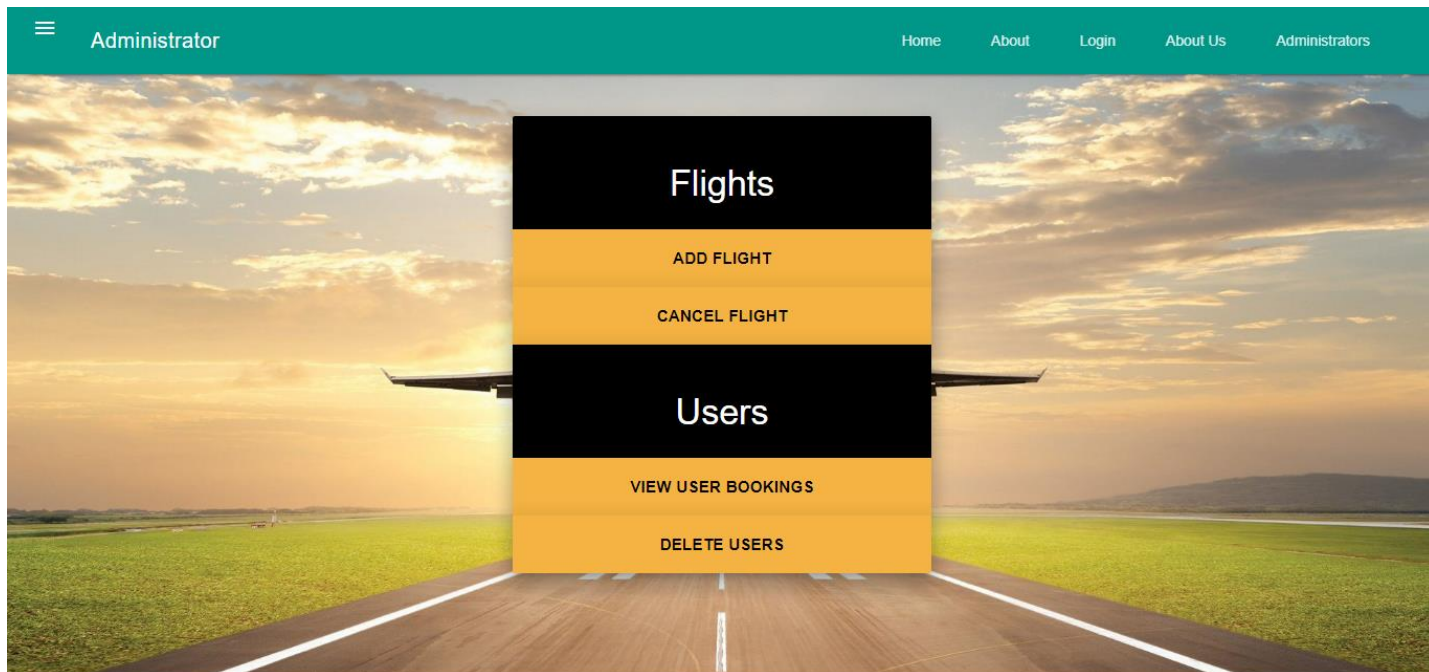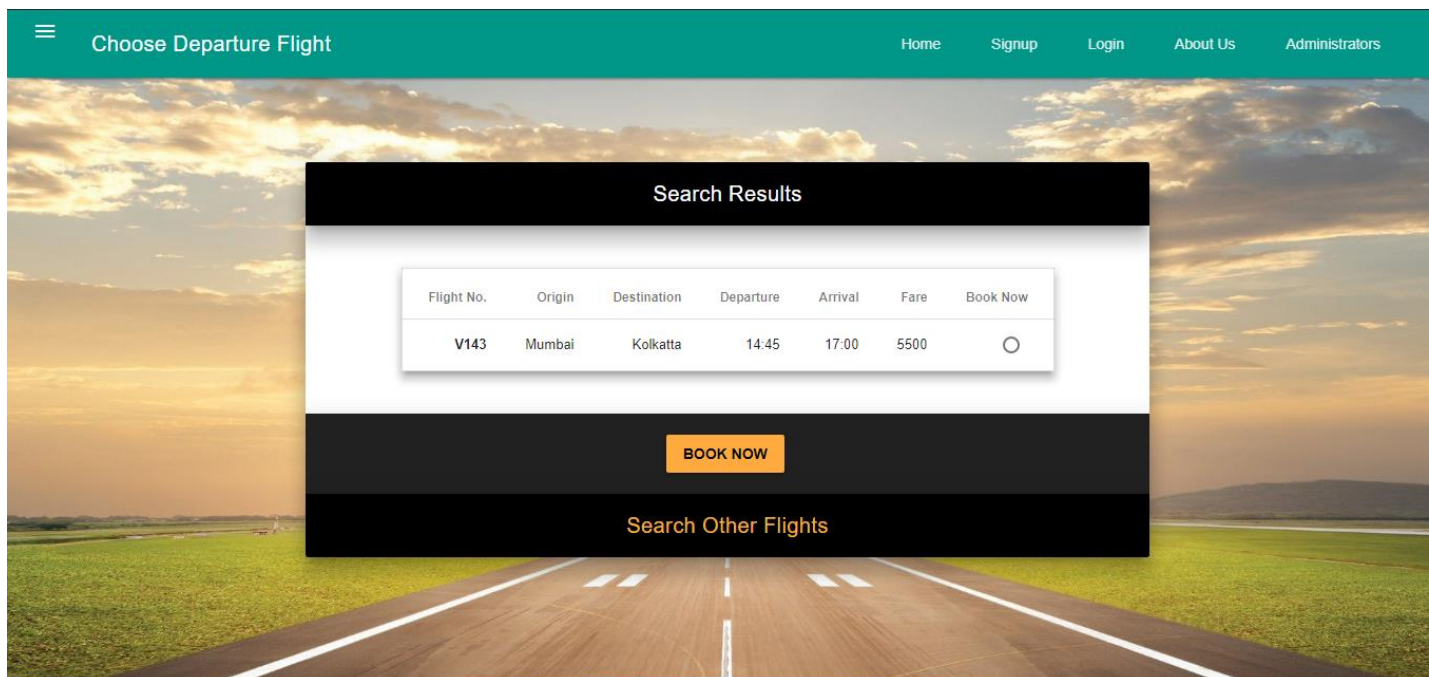
Similarly we have the admin login pages and the user pages the screenshots of which are given below and the codes are given in the cd with this project
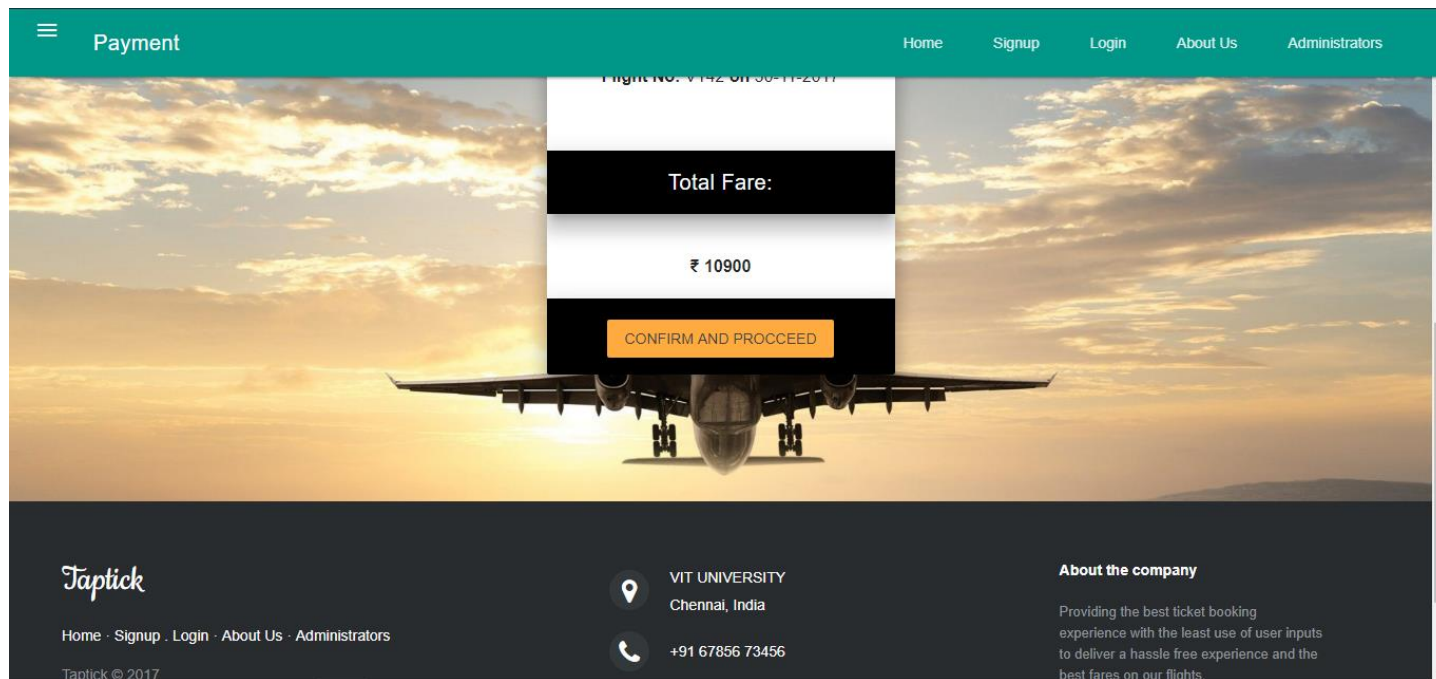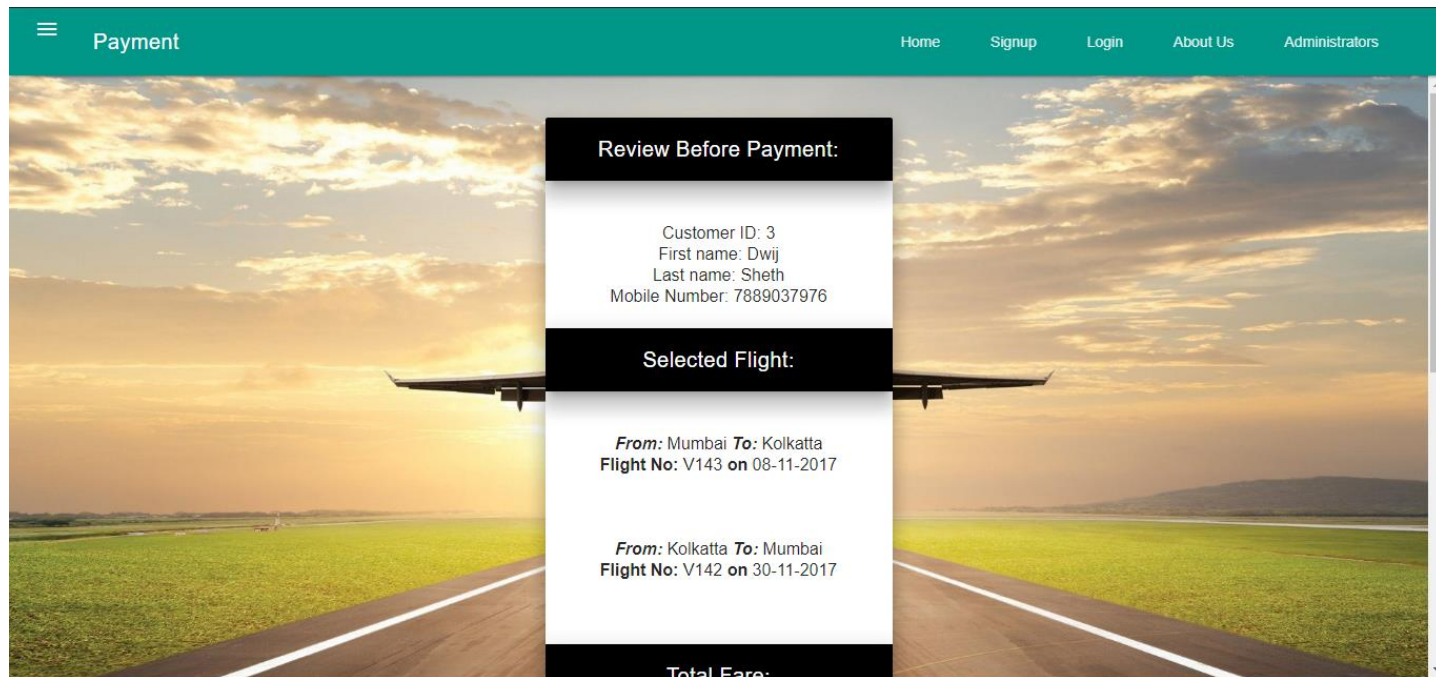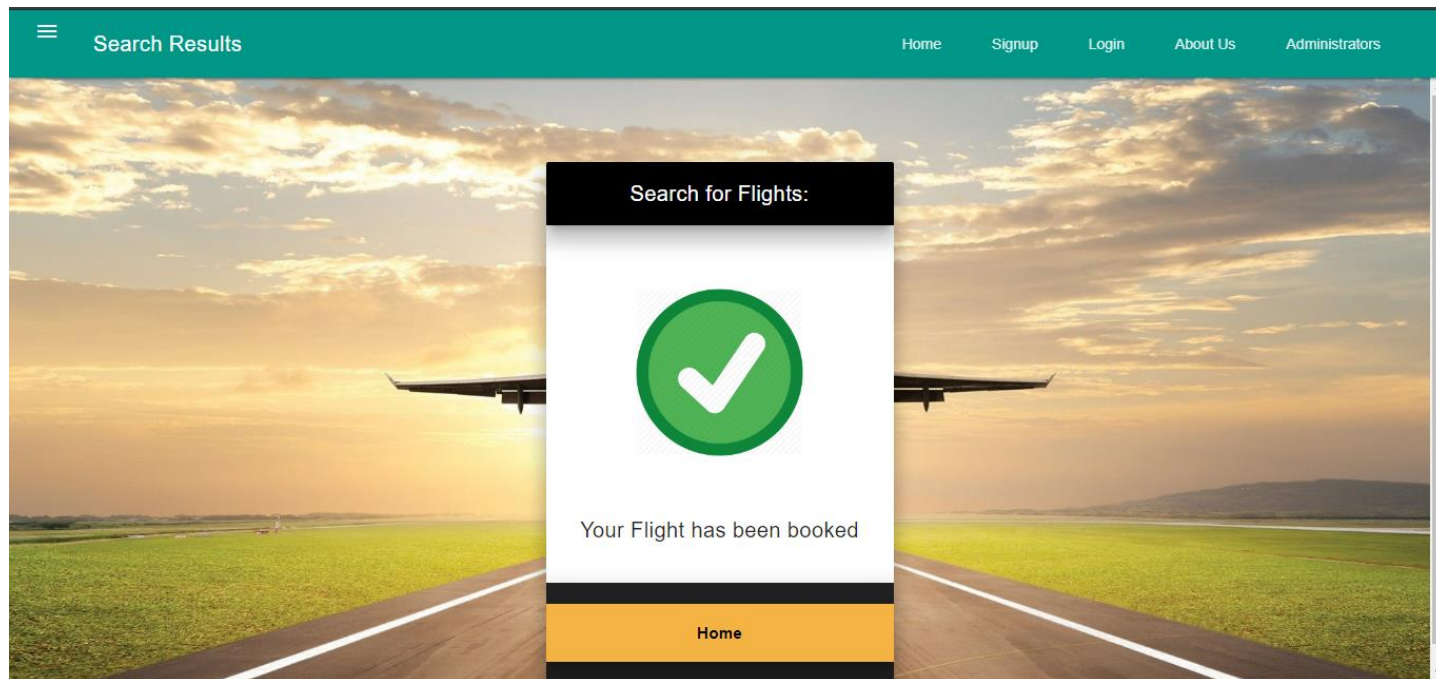
ADMIN HOMEPAGE

SEARCH RESULTS PAGE

PRE PAYMENT CONFIRMATION PAGE

FINAL CONFIRMATION PAGE

SIGNUP PAGE AND ITS CODE WITH FORM VALIDATION:

```html
<html>

<head>
    <title>Sign Up</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="Front with CSS.css">
    <link rel="stylesheet" href="https://code.getmdl.io/1.3.0/material.teal-
orange.min.css" />
    <script
src="https://storage.googleapis.com/code.getmdl.io/1.0.6/material.min.js"></scrip
t>
    <script src="gen_validatorv4.js" type="text/javascript"></script>
    <link rel="stylesheet" href="css/footer-distributed-with-address-and-
phones.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css">
    <link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet"
type="text/css">
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
```

```html
    <link rel="stylesheet" href="//code.jquery.com/ui/1.12.1/themes/base/jquery-
ui.css">
    <script src="https://code.jquery.com/jquery-1.12.4.js"></script>
  <script src="https://code.jquery.com/ui/1.12.1/jquery-ui.js"></script>
  <script>
  $( function() {
    $( "#DOB" ).datepicker({maxDate: "0",changeMonth: true,
            changeYear: true,showButtonPanel: true,dateFormat: 'dd-mm-
yy',autoclose: true}).on('changeDate', function(e){
    $(this).datepicker('hide');
});;
  } );
  </script>

</head>


<body background="airplane.jpg">
    <div class="mdl-layout mdl-js-layout mdl-layout--fixed-header">
        <header class="mdl-layout__header">
            <div class="mdl-layout__header-row">
                <!-- Title -->
                <span class="mdl-layout-title">Signup</span>
                <!-- Add spacer, to align navigation to the right -->
                <div class="mdl-layout-spacer"></div>
                <!-- Navigation. We hide it in small screens. -->
                <nav class="mdl-navigation mdl-layout--large-screen-only">
                    <a class="mdl-navigation__link" href="home.php">Home</a>
                    <a class="mdl-navigation__link" href="Aboutus.php">About</a>
                    <a class="mdl-navigation__link" href="front.php">Login</a>
                    <a class="mdl-navigation__link" href="Aboutus.php">About
Us</a>

                    <a class="mdl-navigation__link"
href="admin.php">Administrators</a>
                </nav>
            </div>
        </header>
        <div class="mdl-layout__drawer">
            <span class="mdl-layout-title">Signup</span>
            <nav class="mdl-navigation">
                <a class="mdl-navigation__link" href="home.php">Home</a>
                <a class="mdl-navigation__link" href="">About</a>
                <a class="mdl-navigation__link" href="front.php">Login</a>
                <a class="mdl-navigation__link" href="Aboutus.php">About Us</a>
```

```html
                    <a class="mdl-navigation__link"
href="admin.php">Administrators</a>
                </nav>
        </div>
        <main class="mdl-layout__content">
            <div class="page-content">
                <!-- Your content goes here -->

                <center>
                    <form action="signedup.php" method="POST" id="signin">
<br><br>
                        <div class="demo-card-wide mdl-card mdl-shadow--16dp">
                            <b> <div class="mdl-shadow--16dp" style="background-
color:#000000">
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff">Name</div>
                            <br><br>
                            </div>
                                <div class="mdl-textfield mdl-js-textfield mdl-
textfield--floating-label">
                                    <input class="mdl-textfield__input" type="text"
id="First-Name" name="First-Name">
                                    <label class="mdl-textfield__label" for="First-
Name">First Name</label>
                                </div>
                                <div class="mdl-textfield mdl-js-textfield mdl-
textfield--floating-label">
                                    <input class="mdl-textfield__input" type="text"
id="Last-Name" name="Last-Name">
                                    <label class="mdl-textfield__label" for="Last-
Name">Last Name</label>
                                </div>
                                <br>
                                <div class="mdl-shadow--16dp" style="background-
color:#000000">
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff">Email Id</div>
                            <br><br>
                            </div>
                                <div class="mdl-textfield mdl-js-textfield mdl-
textfield--floating-label">
                                    <input class="mdl-textfield__input" type="text"
id="Email" name="Email">
```

```html
                                     <label class="mdl-textfield__label"
for="Email">Email Id</label>
                                    </div>
                                    <br>

                                    <div class="mdl-shadow--16dp" style="background-
color:#000000">
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff">Date Of Birth</div>
                            <br>
                            </div><br><br>
                            <div class="mdl-textfield mdl-js-textfield">
                            <input class="mdl-textfield__input" type="text" id="DOB"
onchange="checkDate()" name="DOB" required><br>
                            <label class="mdl-textfield__label" for="DOB">Date Of
Birth</label>
                                    </div>
                            <br>
                            <br>

                            <br><div class="mdl-shadow--16dp" style="background-
color:#000000">
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff">Gender</div>
                            <br>
                            </div><br><br>
                            <br>
                            <div>
                                <label class="mdl-radio mdl-js-radio mdl-js-ripple-
effect" for="option-1">
                        <input type="radio" id="option-1" class="mdl-radio__button"
name="options" value="Male" required>
                        <span class="mdl-radio__label">Male</span>
        </label>
                                <label class="mdl-radio mdl-js-radio mdl-js-ripple-
effect" for="option-2">
                        <input type="radio" id="option-2" class="mdl-radio__button"
name="options" value="Female">
                        <span class="mdl-radio__label">Female</span>
        </label>
                                <br><br><br>
                            </div>
        <br><br>
```

```html
            <div class="mdl-shadow--16dp" style="background-color:#000000">
                    <br>
                    <div class="mdl-typography--title"
style="color:#ffffff">Nationality</div>
                    <br>
                    </div><br><br>
            <div class="mdl-textfield mdl-js-textfield mdl-textfield--
floating-label">
                    <input class="mdl-textfield__input" type="text"
id="Nationality" name="Nationality" required>
                    <label class="mdl-textfield__label"
for="Nationality">Nationality</label>
            </div>
            <center>
                    <br><div class="mdl-shadow--16dp" style="background-
color:#000000">
                        <br>
                        <div class="mdl-typography--title"
style="color:#ffffff">Occupation</div>
                        <br><br>
                        </div><br>
                    <span class="mdl-radio__label">Student</span>
                    <label class="mdl-radio mdl-js-radio mdl-js-ripple-effect"
for="Student">
                <input type="radio" id="Student" class="mdl-radio__button"
name="occupation" value="Student" required>

    </label><br>
                <span class="mdl-radio__label">Teacher</span>
                    <label class="mdl-radio mdl-js-radio mdl-js-ripple-effect"
for="Teacher">
                <input type="radio" id="Teacher" class="mdl-radio__button"
name="occupation" value="Teacher">

    </label><br>
                <span class="mdl-radio__label">Employee</span>
                    <label class="mdl-radio mdl-js-radio mdl-js-ripple-effect"
for="Employee">
                <input type="radio" id="Employee" class="mdl-radio__button"
name="occupation" value="Employee">

    </label><br>
                <span class="mdl-radio__label">Senior Citizen</span>
                    <label class="mdl-radio mdl-js-radio mdl-js-ripple-effect"
for="Senior_Citizen">
```

```html
                    <input type="radio" id="Senior_Citizen" class="mdl-radio__button"
name="occupation" value="Senior Citizen">


        </label><br>
                <span class="mdl-radio__label">Armed forces</span>
                    <label class="mdl-radio mdl-js-radio mdl-js-ripple-effect"
for="Armed_forces">
                <input type="radio" id="Armed_forces" class="mdl-radio__button"
name="occupation" value="Armed forces">


        </label><br><br><br>
                    <center>

            <br><br>

                <b> <div class="mdl-shadow--16dp" style="background-
color:#000000">
                        <br>
                        <div class="mdl-typography--title"
style="color:#ffffff">Address</div>
                        <br>
                        </div></b><br><br><br>
                <div class="mdl-textfield mdl-js-textfield mdl-textfield--
floating-label">
                        <input class="mdl-textfield__input" type="text" id="Address"
name="Address" required>
                        <label class="mdl-textfield__label"
for="Address">Address</label>
                </div>

                <br>
                <div class="mdl-textfield mdl-js-textfield mdl-textfield--
floating-label">
                        <input class="mdl-textfield__input" type="text" id="City"
name="City" required>
                        <label class="mdl-textfield__label" for="City">City</label>
                </div>
                <div class="mdl-textfield mdl-js-textfield mdl-textfield--
floating-label">
                        <input class="mdl-textfield__input" type="text" id="State"
name="State" required>
                        <label class="mdl-textfield__label" for="State">State</label>
                </div>
                <br>
            <br><br>
```

```
                    <b> <br><div class="mdl-shadow--16dp" style="background-
color:#000000">
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff">Mobile No</div>
                            <br>
                            </div></b><br>
                <div class="mdl-textfield mdl-js-textfield mdl-textfield--
floating-label">
                            <input class="mdl-textfield__input" type="text" id="Mobile-
No" name="Mobile-No">
                            <label class="mdl-textfield__label" for="Mobile-No">Mobile
No</label>
                </div>
                <b> <br><div class="mdl-shadow--16dp" style="background-
color:#000000">
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff">Password</div>
                            <br>
                            </div> </b><br>
                <div class="mdl-textfield mdl-js-textfield mdl-textfield--
floating-label">
                            <input class="mdl-textfield__input" type="password"
id="Password" name="Password">
                            <label class="mdl-textfield__label"
for="Password">Password</label>
                </div>
                <b> <br><div class="mdl-shadow--16dp" style="background-
color:#000000">
                            <br>
                            <div class="mdl-typography--title"
style="color:#ffffff">Re enter your Password</div>
                            <br>
                            </div></b><br>
                <div class="mdl-textfield mdl-js-textfield mdl-textfield--
floating-label">
                            <input class="mdl-textfield__input" type="password"
id="r_password" name="r_password">
                            <label class="mdl-textfield__label"
for="r_password">Password</label>
                </div>
                <div class="mdl-shadow--16dp" style="background-
color:#000000"><br>
```

```html
                <input type="Submit" name="signup" value="Sign Up" class="mdl-
button mdl-js-button mdl-button--raised mdl-js-ripple-effect mdl-button--accent">

        </button><br><br>
        </div>
            </div>
    </div>
    </Form>
    <script  type="text/javascript">
 var frmvalidator = new Validator("signin");
 frmvalidator.addValidation("First-Name","req","Please enter your First Name");
 frmvalidator.addValidation("First-Name","maxlen=20","Max length for First Name
is 20");

 frmvalidator.addValidation("Last-Name","req","Please enter your Last Name");
 frmvalidator.addValidation("Last-Name","maxlen=20");

 frmvalidator.addValidation("Email","maxlen=50");
 frmvalidator.addValidation("Email","req");
 frmvalidator.addValidation("Email","email");

 frmvalidator.addValidation("Mobile-No","maxlen=10","Please Enter a valid phone
number");
 frmvalidator.addValidation("Mobile-No","req","Entering your mobile no is
compulsory");
 frmvalidator.addValidation("Mobile-No","numeric","Please Enter a valid phone
number");

 frmvalidator.addValidation("Address","maxlen=50");

 frmvalidator.addValidation("r_password","req","Please confirm the password you
want to set!");
 frmvalidator.addValidation("Password","req","Please Provide us with a Password
to secure your account");

 frmvalidator.addValidation("r_password","eqelmnt=Password","The Re-entered
password is not same as the password");

</script>
    </Center>

    </div>
    </main>
    </div>
```

```
</body>

</html>
```


References:

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www.w3schools.com

www.getmdl.io

www.jquery.com

www.php.net

www.codepen.io

www.tutorialpoint.com