

PROJECT REPORT


Created By
Aryan Shrivastava

My Project is a Flight Management System that books and manages the flights to be travelled by the passenger.


I Have used :-


HTML, CSS For Frontend,
Php And SQL for Backend.


Flights

 Passengers

Select Class Economy



 Jaipur(JAI)

 Mumbai(BOM)

My Front Page

User will enter the location from and to which he/she wants to travel.

In My database (shown later),I have Inserted a limited amount of flights and cities.

After hitting the search button user will be taken to a new page where he/she will see the number of flights available from the entered location.

Id: 1 - Where from: Jaipur(JAI) - Where to: Mumbai(BOM) - Flight Name: Air India
Id: 2 - Where from: Jaipur(JAI) - Where to: Mumbai(BOM) - Flight Name: Indigo
Id: 3 - Where from: Jaipur(JAI) - Where to: Mumbai(BOM) - Flight Name: Air Asia
[PROCEED TO BOOKING PAGE](#)

localhost/flights/book.html

Next Page

From here user will select a flight and then will click to proceed to the booking page.

Book My flight

Passengers Details

Aryan

Shrivastava

Enter Dob: 20-09-2002


Jaipur(JAI)

Mumbai(BOM)

Air India

Male

Book The Flight



My booking page

Here the user will enter the required details shown in the page, after entering the details user will submit and finally book the flight with all his/her credentials.

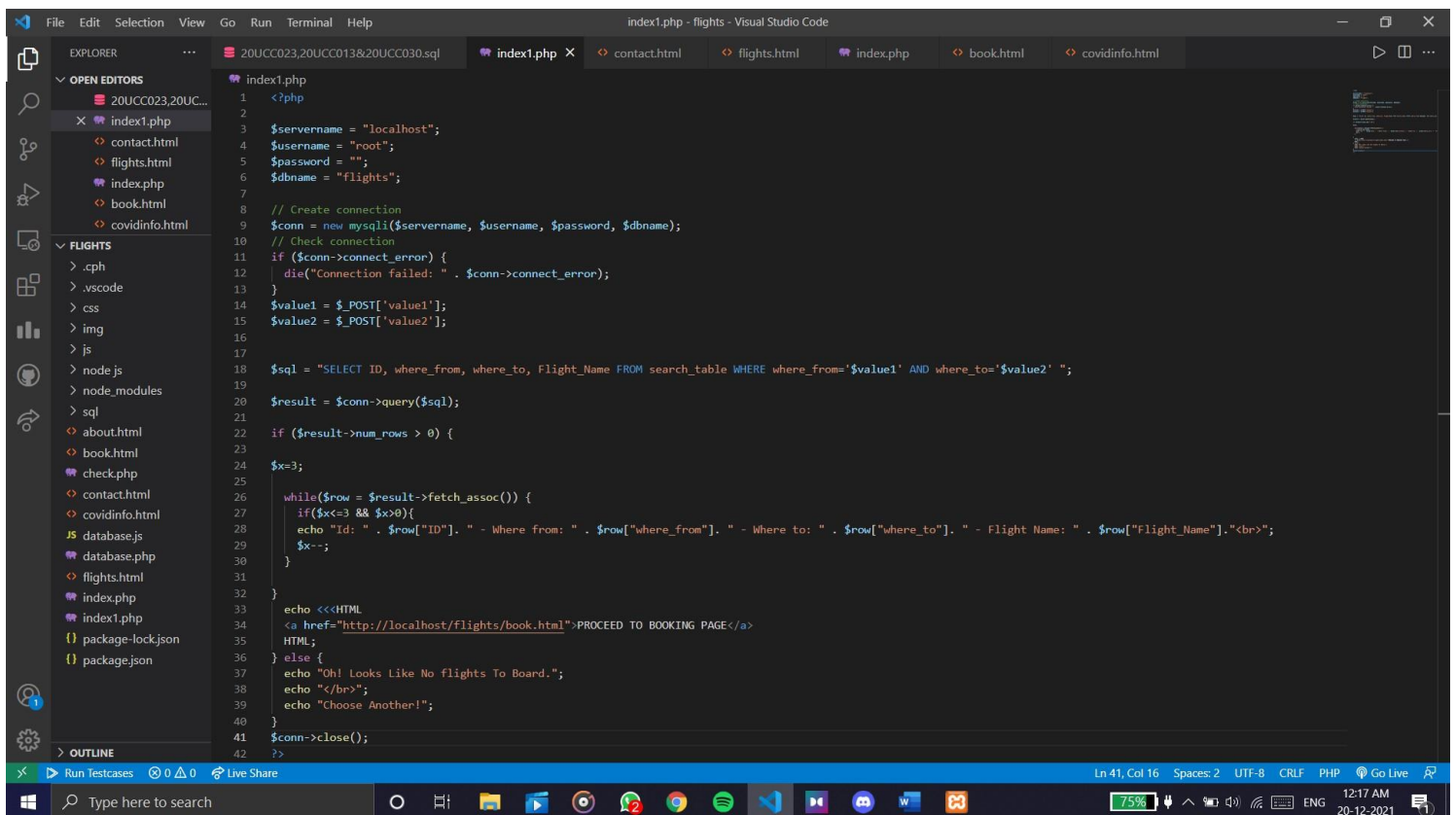
And then this next page will be shown displaying the successful message.

Flight Booked!
Data Successfully inserted

If the user selects that two cities from which no flights are available then new page show a message showing try again.

Oh! Looks Like No flights To Board.
Choose Another!

Page showing try again message



```
index1.php - flights - Visual Studio Code
EXPLORER
  20UCC023,20UCC013&20UCC030.sql
  index1.php X
  contact.html
  flights.html
  index.php
  book.html
  covidinfo.html
  FLIGHTS
    .cph
    .vscode
    css
    img
    js
    node.js
    node_modules
    sql
    about.html
    book.html
    check.php
    contact.html
    covidinfo.html
    database.js
    database.php
    flights.html
    index.php
    index1.php
    package-lock.json
    package.json
  OUTLINE
Run Testcases 0 0 0 Live Share
Ln 41, Col 16 Spaces: 2 UTF-8 CRLF PHP Go Live
Type here to search
75% 12:17 AM 20-12-2021
```

```
index1.php
1 <?php
2
3 $servername = "localhost";
4 $username = "root";
5 $password = "";
6 $dbname = "flights";
7
8 // Create connection
9 $conn = new mysqli($servername, $username, $password, $dbname);
10 // Check connection
11 if ($conn->connect_error) {
12     die("Connection failed: " . $conn->connect_error);
13 }
14 $value1 = $_POST['value1'];
15 $value2 = $_POST['value2'];
16
17
18 $sql = "SELECT ID, where_from, where_to, Flight_Name FROM search_table WHERE where_from='$value1' AND where_to='$value2' ";
19
20 $result = $conn->query($sql);
21
22 if ($result->num_rows > 0) {
23
24     $x=3;
25
26     while($row = $result->fetch_assoc()) {
27         if($x<=3 && $x>0){
28             echo "Id: " . $row["ID"]. " - Where from: " . $row["where_from"]. " - Where to: " . $row["where_to"]. " - Flight Name: " . $row["Flight_Name"]. "<br>";
29             $x--;
30         }
31     }
32 }
33
34 echo <<<HTML
35 <a href="http://localhost/flights/book.html">PROCEED TO BOOKING PAGE</a>
36 HTML;
37 } else {
38     echo "Oh! Looks Like No flights To Board.";
39     echo "<br>";
40     echo "Choose Another!";
41 }
42 $conn->close();
43
```

First page's Php file(index1.php)

First I have defined the servername, password, host and database name.

Then I have Created a connection .

Then I have checked that connection is working fine or not, if not then the system pops the message "Connection Failed".

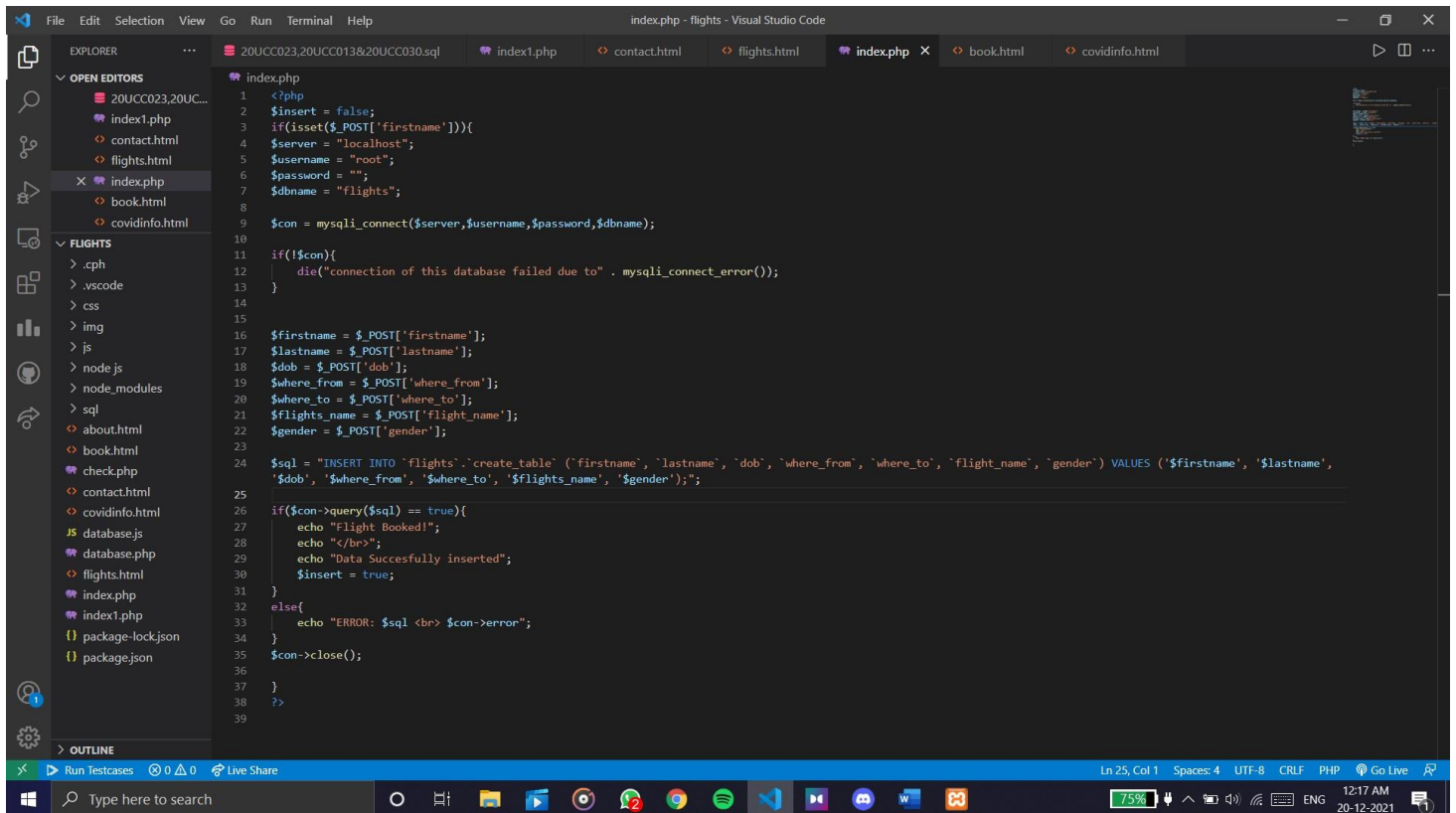
Then I have assigned variables to the input I took on My 1 page.

Then I have written query that filters the taken two inputs from the table of all flights and cities (shown later).

Then I have written a if -while statement to check the condition to be true and then echo the rows of the required data.

Then I have echoed the proceed to the booking page link.

And finally if the data doesn't match the database then I echoed a try again message (shown earlier).



```
1 <?php
2 $insert = false;
3 if(isset($_POST['firstname'])){
4     $server = "localhost";
5     $username = "root";
6     $password = "";
7     $dbname = "flights";
8
9     $con = mysqli_connect($server,$username,$password,$dbname);
10
11     if(!$con){
12         die("connection of this database failed due to" . mysqli_connect_error());
13     }
14
15     $firstname = $_POST['firstname'];
16     $lastname = $_POST['lastname'];
17     $dob = $_POST['dob'];
18     $where_from = $_POST['where_from'];
19     $where_to = $_POST['where_to'];
20     $flights_name = $_POST['flight_name'];
21     $gender = $_POST['gender'];
22
23     $sql = "INSERT INTO `flights`.`create_table` (`firstname`, `lastname`, `dob`, `where_from`, `where_to`, `flight_name`, `gender`) VALUES ('$firstname', '$lastname', '$dob', '$where_from', '$where_to', '$flights_name', '$gender');";
24
25     if($con->query($sql) == true){
26         echo "Flight Booked!";
27         echo "<br>";
28         echo "Data Successfully inserted";
29         $insert = true;
30     }
31     else{
32         echo "ERROR: $sql <br> $con->error";
33     }
34     $con->close();
35 }
36 }
37 }
38 }
39 }
```

Booking page's Php file(index.php)

First I have defined the servername, password, host and database name.

Then I have Created a connection .

Then I have checked that connection is working fine or not, if not then the system pops the message “Connection Failed”.

Then I have assigned variables to the input I took on My booking page.

Then I have written a SQL statement that inserts the value took from the Website to the database(shown later).

So that the flight is booked by that person.

Then I have checked the connection to be true , if yes then a successful message will be shown.

The screenshot shows the phpMyAdmin interface for a database named 'flights'. A table named 'create_table' is selected, displaying 15 rows of data. The table has columns for Customer_id, firstname, lastname, dob, where_from, where_to, flight_name, and gender. The data represents flight bookings for five different customers, each with five entries.

Customer_id	firstname	lastname	dob	where_from	where_to	flight_name	gender
1	aryan	shrivastava	2002-09-20	Raipur(RPR)	Jaipur(JAI)	Air Asia	male
2	akshat	gupta	2001-05-13	Kolkata(CCU)	Allahabad(IXD)	Air Asia	male
3	archit	khurana	2002-08-22	Ahmedabad(AMD)	Raipur(RPR)	Indigo	male
4	mani	brar	2000-11-27	Ahmedabad(AMD)	Bangalore(BLR)	Spicejet	male
5	sunny	saxena	2002-01-19	Pune(PNQ)	Allahabad(IXD)	Air Asia	male

create_table

In this table data took from the booking page will be inserted.

Book localhost / 127.0.0.1 / flights / se +

http://localhost/phpmyadmin/index.php?route=/sql&server=1&db=flights&table=search_table&pos=0

Server: 127.0.0.1 » Database: flights » Table: search_table

phpMyAdmin

Recent Favorites

New flights

create_table

login_table

luggage

price_table

search_table

information_schema

mysql

performance_schema

phpmyadmin

test

Options

ID	where_to	where_from	Flight_Name
1	Mumbai(BOM)	Jaipur(JAI)	Air India
2	Mumbai(BOM)	Jaipur(JAI)	Indigo
3	Mumbai(BOM)	Jaipur(JAI)	Air Asia
4	New Delhi(DEL)	Jaipur(JAI)	Spicejet
5	New Delhi(DEL)	Jaipur(JAI)	Air India
6	New Delhi(DEL)	Jaipur(JAI)	Indigo
7	Goa(GOI)	Jaipur(JAI)	Indigo
8	Goa(GOI)	Jaipur(JAI)	Spicejet
9	Goa(GOI)	Jaipur(JAI)	Go First
10	Pune(PNQ)	Jaipur(JAI)	Air Asia
11	Pune(PNQ)	Jaipur(JAI)	Go First
12	Pune(PNQ)	Jaipur(JAI)	Spicejet
13	Kolkata(CCU)	Jaipur(JAI)	GoAir
14	Kolkata(CCU)	Jaipur(JAI)	Air Asia
15	Kolkata(CCU)	Jaipur(JAI)	Air India
16	Bangalore(BLR)	Jaipur(JAI)	Spicejet
17	Bangalore(BLR)	Jaipur(JAI)	Go First
18	Bangalore(BLR)	Jaipur(JAI)	Air India
19	Chennai(MAA)	Jaipur(JAI)	Indigo
20	Chennai(MAA)	Jaipur(JAI)	Vistara
21	Chennai(MAA)	Jaipur(JAI)	Air Asia
22	Jaipur(JAI)	Mumbai(BOM)	Air India
23	Jaipur(JAI)	Mumbai(BOM)	Indigo
24	Jaipur(JAI)	Mumbai(BOM)	Air Asia
25	Jaipur(JAI)	New Delhi(DEL)	Spicejet

Console

Type here to search

76%

12:18 AM 20-12-2021

search_table

This table has data of all the cities and flights which the user will use while searching from the front page.

Book

localhost / 127.0.0.1 / flights / lo

http://localhost/phpmyadmin/index.php?route=/sql&server=1&db=flights&table=login_table&pos=0

Server: 127.0.0.1 Database: flights Table: login_table

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 4 (5 total, Query took 0.0005 seconds)

```
SELECT * FROM `login_table`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

Customer_id	email_num	password
1	aryan@gmail.com	aryan123
2	akshat@gmail.com	akshat987
3	archit@gmail.com	archit567
4	mani@gmail.com	mani246
5	sunny@gmail.com	sunny876

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Console

login_table

this table will take the login information of the user.

Book

localhost / 127.0.0.1 / flights / lu

http://localhost/phpmyadmin/index.php?route=/sql&server=1&db=flights&table=luggage&pos=0

Server: 127.0.0.1 Database: flights Table: luggage

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 4 (5 total, Query took 0.0097 seconds)

```
SELECT * FROM `luggage`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

Customer_id	numofbags	luggageweight
1	4	15
2	1	3
3	5	28
4	2	10
5	3	12

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

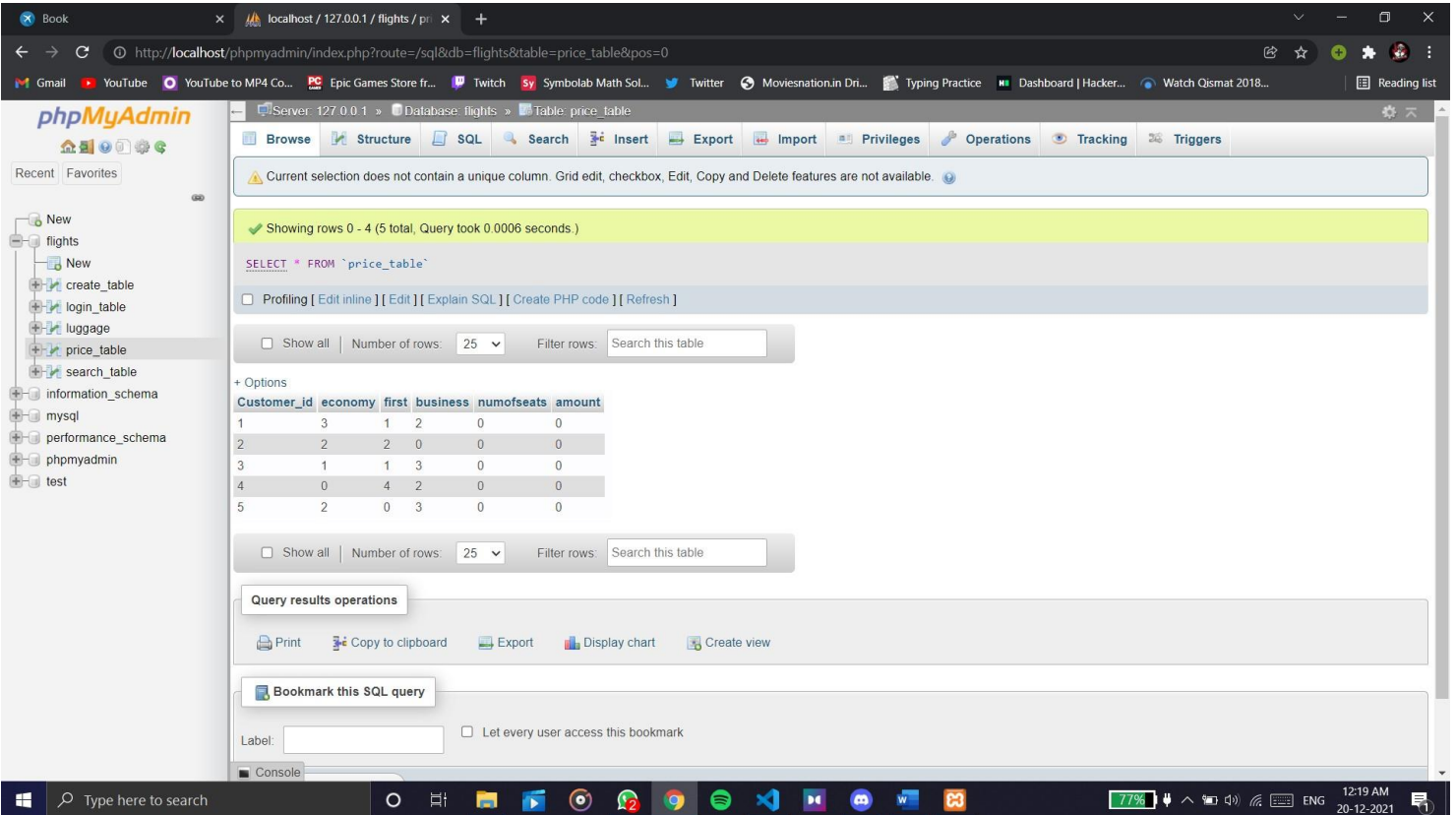
Bookmark this SQL query

Label: Let every user access this bookmark

Console

luggage

this table will store the total number of bags/luggage of the user.



The screenshot shows the phpMyAdmin interface for a database named 'flights'. The 'price_table' is selected, and its structure and data are displayed. The table has 5 columns: Customer_id, economy, first, business, numofseats, and amount. The data shows 5 rows of flight bookings.

Customer_id	economy	first	business	numofseats	amount
1	3	1	2	0	0
2	2	2	0	0	0
3	1	1	3	0	0
4	0	4	2	0	0
5	2	0	3	0	0

price_table

this table will store the type and number of seats booked by the user and hence the total amount or cost of flight of the user.

Covid Information

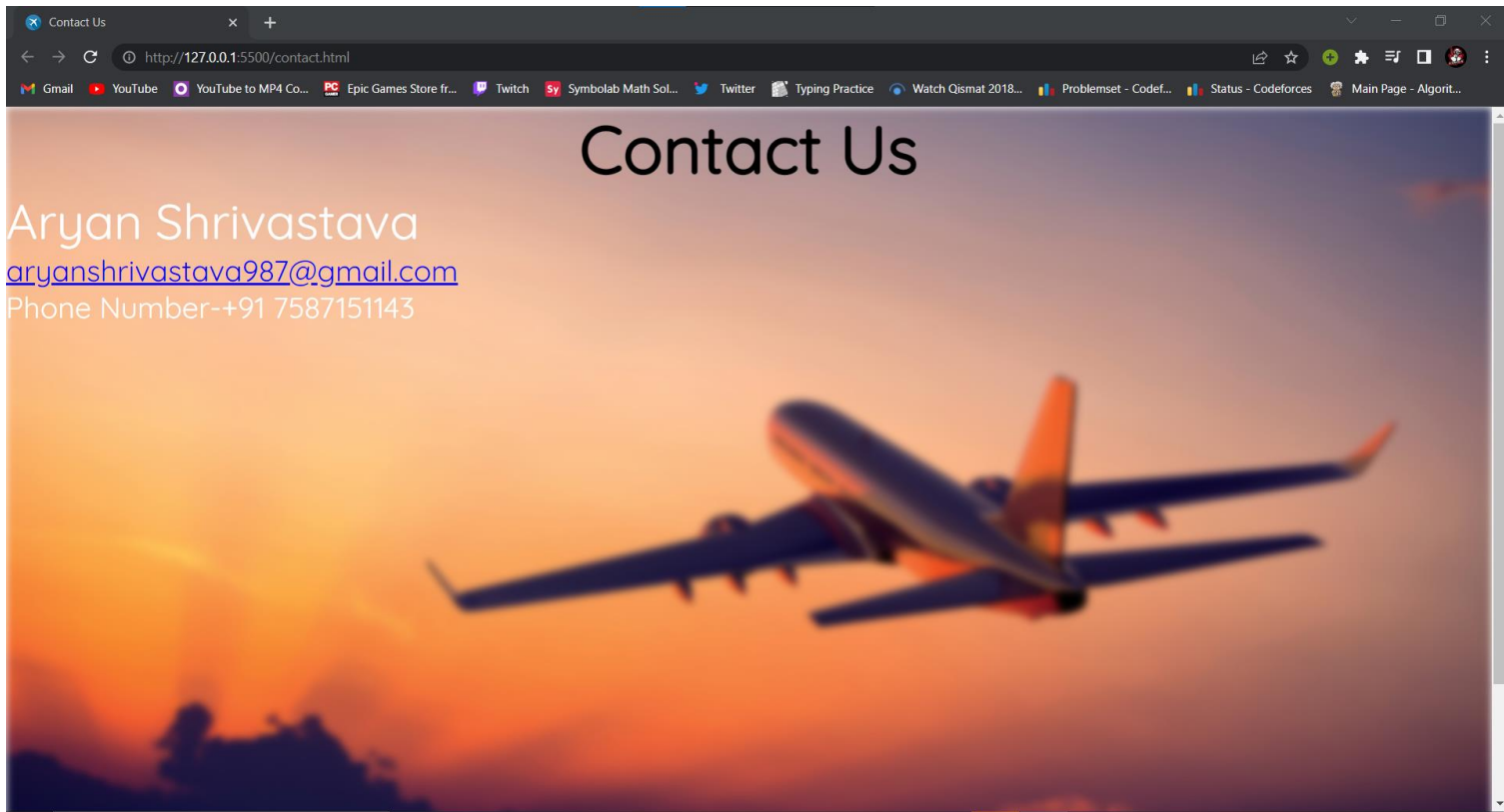
From flights during COVID-19 to government mandates required for travel, get information about all your travel-related queries here. If your destination city/state mandates a negative RT-PCR report, then you must carry the same to be allowed boarding from your origin station. It is compulsory to wear a mask at all times throughout your journey, be it at the airport or inside the flight. It helps you, your fellow passengers and us stay safe. From deeply disinfecting the lean, clean flying machine to minimising contact and regularly sanitising every touchpoint of your journey, our staff ensures flying with us is as safe and hassle-free as possible for you Customers are also requested to familiarise themselves with the guidelines for air passengers published by the Indian Ministry of Civil Aviation on the following link:

https://www.civilaviation.gov.in/sites/default/files/Guidelines_for_Air_Passengers_21May.pdf

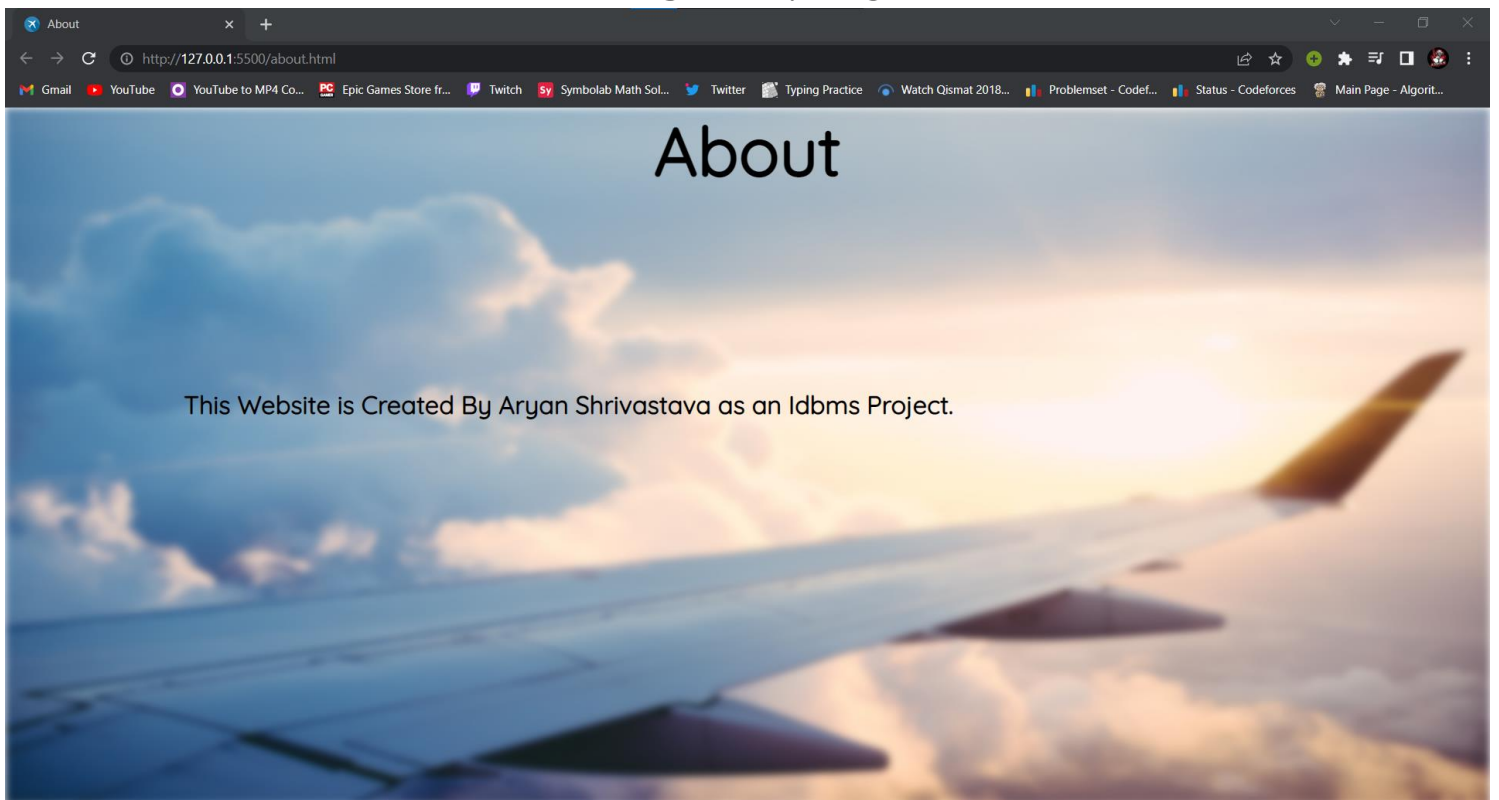
Caution: Customers are advised to strictly follow all COVID-19 protocols. Failure to comply with these guidelines and the directions of our ground staff and/or crew may attract penal action against the concerned individual.

My 3rd page

This page contains covid-19 related guidelines.



My 4th page



My 5th page

THANK YOU