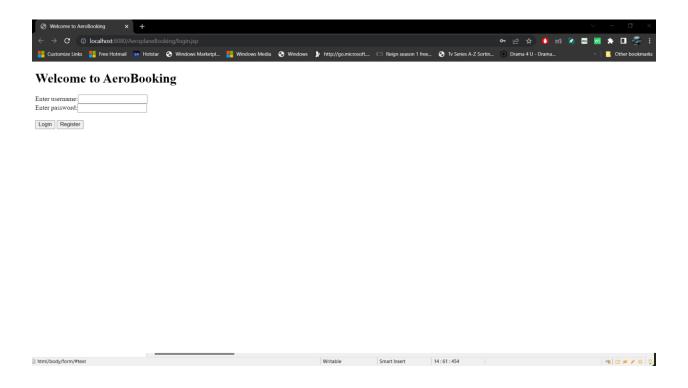
# **Screenshots of Project Working-**

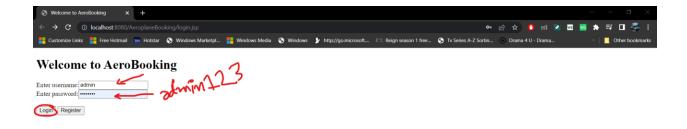
On running the **login.jsp** file using **Tomcat** server this page will reflect on the Web Browser, with two option either **Login** or **Register**.



Picture 1- Here the login.jsp screenshot

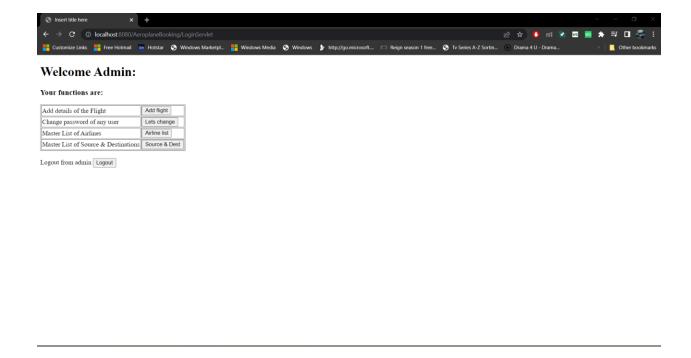
There is another option that is secret option. You can go there by entering username as **admin** and password **admin123**, this will lead you to **AdminWork.jsp** page where you can add the flight, change the password and show sources, destination and Airlines.

After entering username as admin and password admin123, after that click on Login button.



Picture 2- Screenshot after entering username admin and password admin123.

After clicking on **Login** button, it goes to LoginServlet and then it shows various function of Admin- Add flight, change password, show airlines and sources, destination.



**Picture 3**- various admin function are shown in the screenshot after going to **LoginServlet.java** and then to **AdminWork.jsp.** 

After reaching at **AdminWork.jsp** you can select the various option, like if you choose **Add Flight** button then it will send you to **AddFlight.jsp**.

Where admin can add the flight details and it will also show flights present in the database **exercise** with table name **travel\_details\_aerospace**.

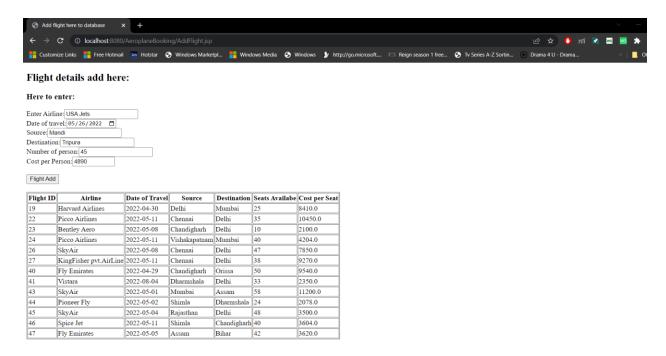


**Picture 4-** Here we connect with the database named **exercise** and here we can see the table named **travel\_details\_aerospace** is already formed to stored flight details

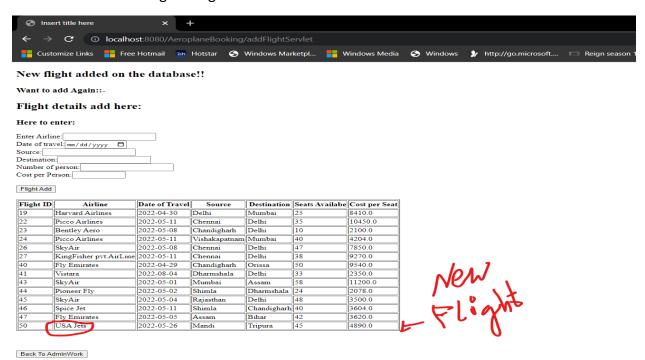
d	Airlines	Date_Of_Travel	Source	Destination	No_Of_Person_Left	Cost_of_Person
)	Harvard Airlines	2022-04-30	Delhi	Mumbai	25	8410
2	Picco Airlines	2022-05-11	Chennai	Delhi	35	10450
3	Bentley Aero	2022-05-08	Chandigharh	Delhi	10	2100
24	Picco Airlines	2022-05-11	Vishakapatnam	Mumbai	40	4204
26	SkyAir	2022-05-08	Chennai	Delhi	47	7850
27	KingFisher pvt.AirLine	2022-05-11	Chennai	Delhi	38	9270
10	Fly Emirates	2022-04-29	Chandigharh	Orissa	50	9540
11	Vistara	2022-08-04	Dharmshala	Delhi	33	2350
13	SkyAir	2022-05-01	Mumbai	Assam	58	11200
4	Pioneer Fly	2022-05-02	Shimla	Dharmshala	24	2078
5	SkyAir	2022-05-04	Rajasthan	Delhi	48	3500
16	Spice Jet	2022-05-11	Shimla	Chandigharh	40	3604
7	Fly Emirates	2022-05-05	Assam	Bihar	42	3620

## Picture 5- Shows the flight details in Database .

During addition of the flight details in the Aerospace is shown in below picture.



#### **Picture 6**-Before adding the flight



**Picture 7-** On clicking the button add flight after entering details it will add the flight you can see in this picture and control goes to **AddFlight.jsp** to **addFlightServlet.java** and then to **ReAddFlight.jsp**.

.d	Airlines	Date_Of_Travel	Source	Destination	No_Of_Person_Left	Cost_of_Person
9	Harvard Airlines	2022-04-30	Delhi	Mumbai	25	8410
22	Picco Airlines	2022-05-11	Chennai	Delhi	35	10450
3	Bentley Aero	2022-05-08	Chandigharh	Delhi	10	2100
4	Picco Airlines	2022-05-11	Vishakapatnam	Mumbai	40	4204
26	SkyAir	2022-05-08	Chennai	Delhi	47	7850
27	KingFisher pvt.AirLine	2022-05-11	Chennai	Delhi	38	9270
.0	Fly Emirates	2022-04-29	Chandigharh	Orissa	50	9540
1	Vistara	2022-08-04	Dharmshala	Delhi	33	2350
3	SkyAir	2022-05-01	Mumbai	Assam	58	11200
4	Pioneer Fly	2022-05-02	Shimla	Dharmshala	24	2078
5	SkyAir	2022-05-04	Rajasthan	Delhi	48	3500
6	Spice Jet	2022-05-11	Shimla	Chandigharh	40	3604
7	Fly Emirates	2022-05-05	Assam	Bihar	42	3620
60	USA Jets	2022-05-26	Mandi	Tripura	45	4890

Picture 8- you can see flight USA Jets added in Database

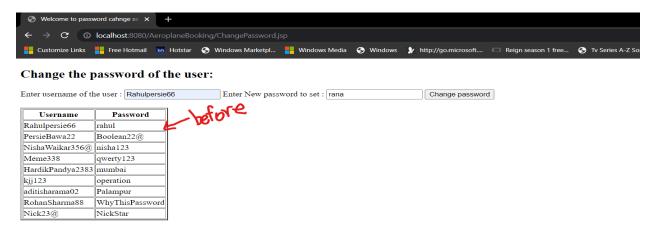
In **ReAddFlight.jsp** we have option of adding flight again and go back to **AdminWork.jsp** where we can use other Admin function.

If user has Selected the option of changing password then it will forward control to **ChangePassword.jsp** where the user can change the password and list of username and password of user is shown on display, which are saved in the database **exercise** and table name **user\_registered.** 

3   Rahulpersie66   Rahul   Rana   Rahul Rana   24   rahul 4   PersieBawa22   Persie   Bawa   Persie Bawa   45   Boolean22@ 5   NishaWaikar356@   Nisha   Waikar   Nisha Waikar   50   nisha123 6   Meme338   Meenakshi   Sundram   Meenakshi Sundram   78   qwerty123	
5   NishaWaikar356@   Nisha   Waikar   Nisha Waikar   50   nisha123 6   Meme338   Meenakshi   Sundram   Meenakshi Sundram   78   qwerty123	
6   Meme338   Meenakshi   Sundram   Meenakshi Sundram   78   qwerty123	
11   HardikPandya2383   Hardik   Pandya   Hardik Pandya   19   mumbai	
12   kjj123   Yullo   Loopo   Yullo Loopo   41   operation	
13   aditisharama02   Aditi   Sharma   Aditi Sharma   24   Palampur	١
25   RohanSharma88   Rohan   Sharma   Rohan Sharma   78   WhyThisPasswo	rd
48   Nick23@   Nick   Jonas   Nick Jonas   35   NickStar	

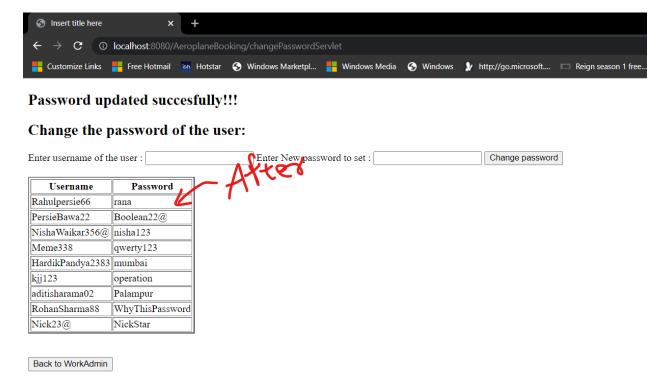
**Picture 9-**User already registered on the database

Before Changing the Password the page looks like this.



## Picture 10- Before Changing the password of Username-Rahulpersie66

After clicking on change the password it will change the username **Rahulpersie66** password to rana.



Picture 11- After changing the password to rana of username – Rahulpersie66

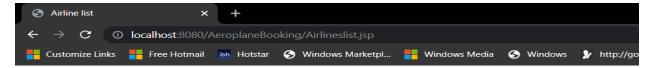
SNo	Username	Fname	Lname	Name	Age	Password
3	Rahulpersie66	Rahul	Rana	Rahul Rana	24	rana
4	PersieBawa22	Persie	Bawa	Persie Bawa	45	Boolean22@
5	NishaWaikar356@	Nisha	Waikar	Nisha Waikar	50	nisha123
6	Meme338	Meenakshi	Sundram	Meenakshi Sundram	78	qwerty123
11	HardikPandya2383	Hardik	Pandya	Hardik Pandya	19	mumbai
12	kjj123	Yullo	Loopo	Yullo Loopo	41	operation
13	aditisharama02	Aditi	Sharma	Aditi Sharma	24	Palampur
25	RohanSharma88	Rohan	Sharma	Rohan Sharma	78	WhyThisPassword
48	Nick23@	Nick	Jonas	Nick Jonas	35	NickStar

**Picture 12** -You can see password also changes in the database.

After changing the password the control goes to **changePasswordServlet.java** and then it goes to **ReChangePassword.jsp** with option of changing password of user and back to work admin.

If admin has selected option3 of admin function it will reflect the list of the Airlines that are available in the aerospace website.

The control will go from **AdminWork.jsp** to **Airlinelist.jsp**, you can see in the below image the list of airlines.



Here is the list of the Flights:

Flight name:	
Harvard Airlines	
Picco Airlines	
Bentley Aero	
Picco Airlines	
SkyAir	
KingFisher pvt.AirLine	
Fly Emirates	
Vistara	
SkyAir	
Pioneer Fly	
SkyAir	
Spice Jet	
Fly Emirates	
USA Jets	
Add Airline name:	•

Picture 13-List of airlines available with two option of add flights and back option

Similarly if admin choose option 4 list of Source and destination it will reflect the list of sources and destination. And control goes from **AdminWork.jsp** to **Source&Dest.jsp**.



#### Here is the list of the Source & Destination:

Source:	Destination:
Delhi	Mumbai
Chennai	Delhi
Chandigharh	Delhi
Vishakapatnam	Mumbai
Chennai	Delhi
Chennai	Delhi
Chandigharh	Orissa
Dharmshala	Delhi
Mumbai	Assam
Shimla	Dharmshala
Rajasthan	Delhi
Shimla	Chandigharh
Assam	Bihar
Mandi	Tripura
Add Source:  Add destination:	
Add Back	

**Picture 14-** showing results of the sources and destination list with two option of add and back to admin option page.

Suppose if the user is not admin and is normal user who want to register for aerospace. Then he can register himself/herself on **Register.jsp** page.



# Picture 15- Before user Registered

The web page before user registered himself/herself is shown in below picture.

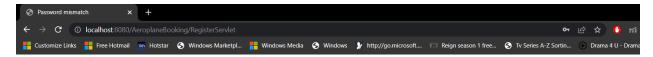


# **REGISTER USER**

User Name:	AdamCol56@
First name:	Adam
Second name:	Cole
Age:	26
Password:	••••••
Confirm password:	•••••
Registered	

# Picture 16(a)-Before user registered and details entered only

If user enter different password both time then it will go to passowrdMismatch.jsp. Where u get again chance to register yourself.



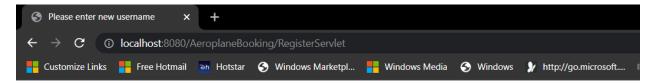
 $Your\ password\ entered\ and\ retyped\ password\ didnot\ match.\ Please\ enter\ again\ the\ same\ password\ for\ both\ the\ field!!$ 

#### **REGISTER USER**



Picture 16(b)- If both password entered did not match

If username is already taken it will reflect message while registering that the user name is taken use another name.



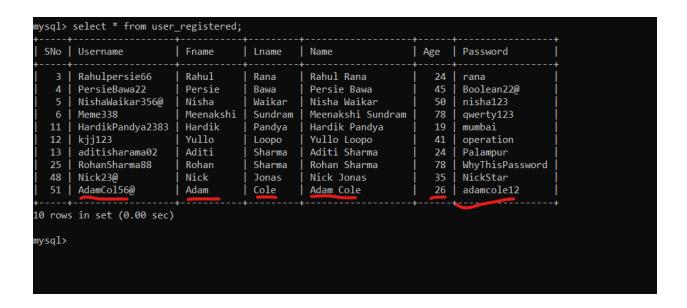
Please enter another username!! This one is taken!!!

# **REGISTER USER**



## Picture 16(c)-Username taken

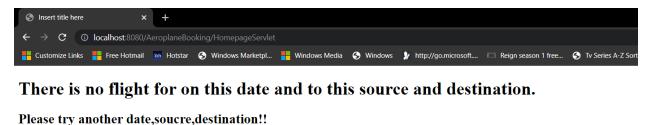
After clicking the registered button it will flow control to **Register.jsp** to **login.jsp** and saving user registered to databse in table name **user\_registered.** 



Picture 17-After user registered it is stored in the table user\_registered.

Now if a user login himself/herself on the web page **login.jsp** then he/she ask to fill flight details and it will show corresponding flight if available by Aerospace.

Suppose if the flight enter is not in the database so the control will go to **RightDetailBookFlight.jsp** where it will reflect a message that the respective flight is not available. Please enter another flight.

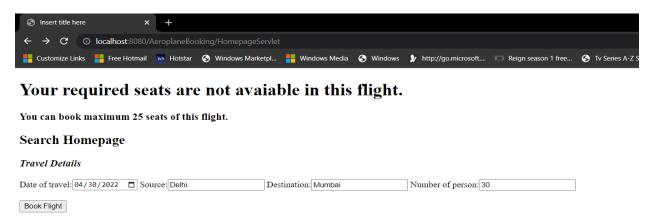


# Search Homepage



Picture 18-The entered flight is not available

If the flight entered details matches with database flight but seat required are greater than seats left in the flight. Then it will send the control to **BookFlightSeatsCorrect.jsp.** 



**Picture 19-** When seats required or entered are more than seats left in the flight. Here seat entered 30 that is more than Flight remaining seats 25

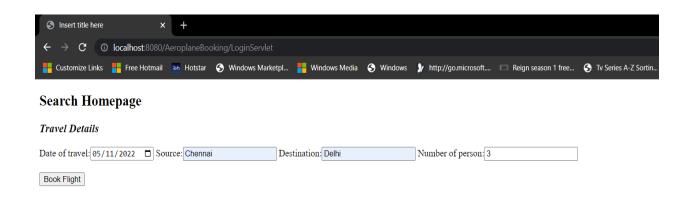
Here is the available flight list in the database.

Id	Airlines	Date_Of_Travel	Source	Destination	No_Of_Person_Left	Cost_of_Person
19	Harvard Airlines	2022-04-30	Delhi	Mumbai	25	8410
22	Picco Airlines	2022-05-11	Chennai	Delhi	35	10450
23	Bentley Aero	2022-05-08	Chandigharh	Delhi	10	2100
24	Picco Airlines	2022-05-11	Vishakapatnam	Mumbai	40	4204
26	SkyAir	2022-05-08	Chennai	Delhi	47	7850
27	KingFisher pvt.AirLine	2022-05-11	Chennai	Delhi	38	9270
40	Fly Emirates	2022-04-29	Chandigharh	Orissa	50	9540
41	Vistara	2022-08-04	Dharmshala	Delhi	33	2350
43	SkyAir	2022-05-01	Mumbai	Assam	58	11200
44	Pioneer Fly	2022-05-02	Shimla	Dharmshala	24	2078
45	SkyAir	2022-05-04	Rajasthan	Delhi	48	3500
46	Spice Jet	2022-05-11	Shimla	Chandigharh	40	3604
47	Fly Emirates	2022-05-05	Assam	Bihar	42	3620
50	USA Jets	2022-05-26	Mandi	Tripura	45	4890

Picture 20-Available flight list for travelling by aerospace in the database

On entering flight details such as Date of travel-2022-05-11 Source-Chennai to Destination-Delhi Seats -3. It will hover control from login.jsp to LoginServlet.java.

And will produce a output like this as shown below. As there are 2 flights matches the criteria.



Picture 21- Entering details for flights in LoginServlet.java

Then the control will go from **LoginServlet.java** to **ShowFlight.jsp** & then to **homepageServlet.java** and you get a resulted output as like this.



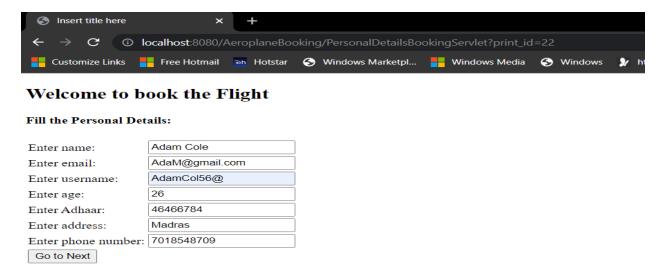
**Book now from Aerospace** 

Flight Id	Airlines name:	Date of Flight:	From:	To:	Available Seats:	Ticket price per Person:	Book Flight
22	Picco Airlines	2022-05-11	Chennai	Delhi	35	10450.0	<u>Book</u>
27	KingFisher pvt.AirLine	2022-05-11	Chennai	Delhi	38	9270.0	Book

Picture 22- showing 2 flights matches the details entered

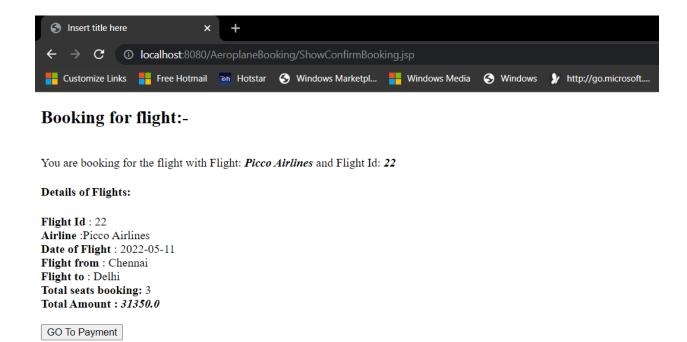
Now you can book one of them and pay the money via credit/debit card. Suppose we choose **Picco Airlines** flight for 3 per person Rs.**10450.** After selecting **Book** option for flight picco the control will go from **HomepageServlet.java** to **PersonalDetails.jsp** and the to **PersonalDetailsServlet.java.** 

On next page you can enter the personal details for flight booking.



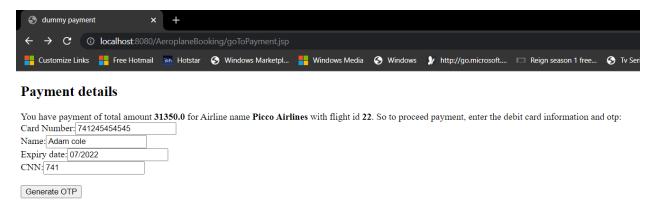
Picture 23-Personal details for booking the flight

After personal details are entered it will go forward and show **confirm booking details**. The control will go from **PersonalDetailsServlet.java** to **ShowConfirmBooking.jsp** where all details of flight are shown and **total amount** for flight is shown (here it is Rs. **31350.0**)



## Picture 24-Confirm Booking details are shown

Then click on go to payment it will forward you to **goToPayment.jsp** where you enter dummy card details for payment.



Picture 25-After entering the card details

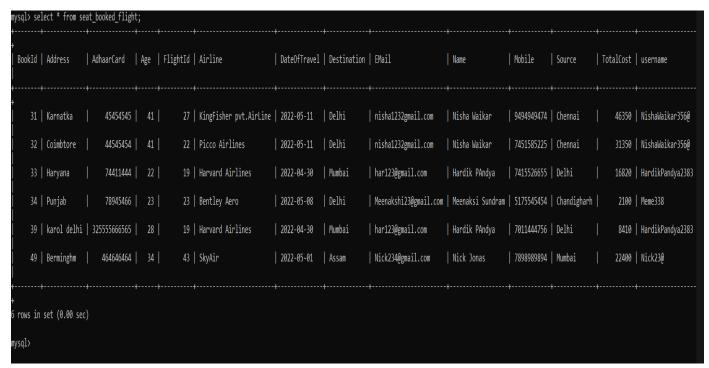
The control will flow from **goToPayment.jsp** to **Otp.jsp** where you entered the dummy otp for further procedure.



Picture 26-After entering dummy OTP

The control will go from **Otp.jsp** to **paymentSuccessful.jsp** and then to **paymentSuccessfulServlet.java**, where the ticket confirmation message is displayed and greeting from Aerospace is displayed on the screen.

And details of booking are saved in table name -seat\_booked\_flight



**Picture 27-**Before ticket confirmed

	Airlines	Date_Of_Travel +	 +	+	No_Of_Person_Left +	
9	Harvard Airlines	2022-04-30	Delhi	Mumbai	25	8410
2	Picco Airlines	2022-05-11	Chennai	Delhi	38	10450
23	Bentley Aero	2022-05-08	Chandigharh	Delhi	10	2100
4	Picco Airlines	2022-05-11	Vishakapatnam	Mumbai	40	4204
26	SkyAir	2022-05-08	Chennai	Delhi	47	7850
.7	KingFisher pvt.AirLine	2022-05-11	Chennai	Delhi	38	9270
10	Fly Emirates	2022-04-29	Chandigharh	Orissa	50	9540
1	Vistara	2022-08-04	Dharmshala	Delhi	33	2350
.3	SkyAir	2022-05-01	Mumbai	Assam	58	11200
4	Pioneer Fly	2022-05-02	Shimla	Dharmshala	24	2078
5	SkyAir	2022-05-04	Rajasthan	Delhi	48	3500
6	Spice Jet	2022-05-11	Shimla	Chandigharh	40	3604
7	Fly Emirates	2022-05-05	Assam	Bihar	42	3620
0	USA Jets	2022-05-26	Mandi	Tripura	45	4890

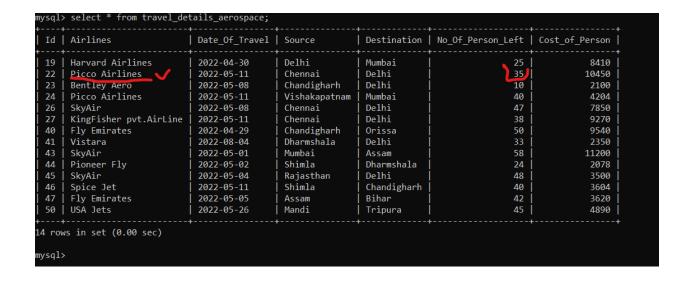
**Picture 28**-Before ticket confirmed **Picco Airlines** flight id **22** source **Chennai** to **Delhi** on **2022-05-11** having seats **38** 



Picture 29- After ticket confirmed for Adam Cole for Chennai to Delhi on 11-May-2022

Here you can see the red marked line is the **Adam Cole** entry who booked 3 seats from **Picco airlines**. After confirming the ticket **3 seat** from **PiccoAirlines** has been **deducted**.

You can see that in below picture -



# **Picture 30-** Seats 3 **deducted** from **picco Airlines** flight id **22** source **Chennai** to **Delhi** date of travel-**2022-05-11**

After 3 seats are deducted from table **travel\_details\_aerospace**, the confirmation message of ticket confirmed with greeting from Aerospace is shown.

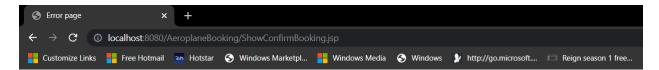


Have a Safe journey!! See u at the other end.

### Picture 31-Ticket Confirmed message on the Web Page in paymentSuccesful.jsp

Your flight with Airline Picco Airlines having flight id 22 from Chennai to Delhi on Date: 2022-05-11 for 3 seat has been SUCCESFULLY BOOKED at Aerospace.

If any error in the web page came it will go to error.jsp.



You have bad internet speed or your data entered is wrong so please check it carefully!!

Sorry site crashes due to hevay load.

Picture 32- Error message is shown in the error.jsp