Student Name	Siddhant Hemant Mhatre
Project Name	Fly-Away (Airline Booking Portal)
Phase and Batch	Java FSD Phase - 2 Project.

Contents

Project details:

FlyAway is an Aeroplane ticket-booking portal, that lets people book flights on their website easily.

Developer details:

This Project is Developed by Siddhant H Mhatre**.**

General Info:

 FlyAway is a ticket-booking portal that lets people book flights on their website. Using the application home page displays options to Search Flight and Book ticket and Admin Login.

Admin Login:

- ➢ Admin can login into website with their details.

- ➢ If the details provided are correct admin is sent to Admin Dashboard Page.

- ➢ In Admin Dashboard page admin can see list of all the available flights.

- ➢ Admin can also change their password if they wish to.

Search Flight :

- ➢ Customer can search for flight booking by providing source, destination, date of journey and number of passengers.

- ➢ Based on data provided by user if flight available next page shows list of available flights.

- ➢ List contain flight name source and destination address, price and a button to book.

- ➢ If customer choose to book flight, it redirected to registration page where customer needs to enter name, email address, phone number and submit.

- ➢ User is sent to a dummy payment page after confirming booking details for the payment.

- ➢ After confirming payment user is shown the booked ticket details which user can print if they wish to.
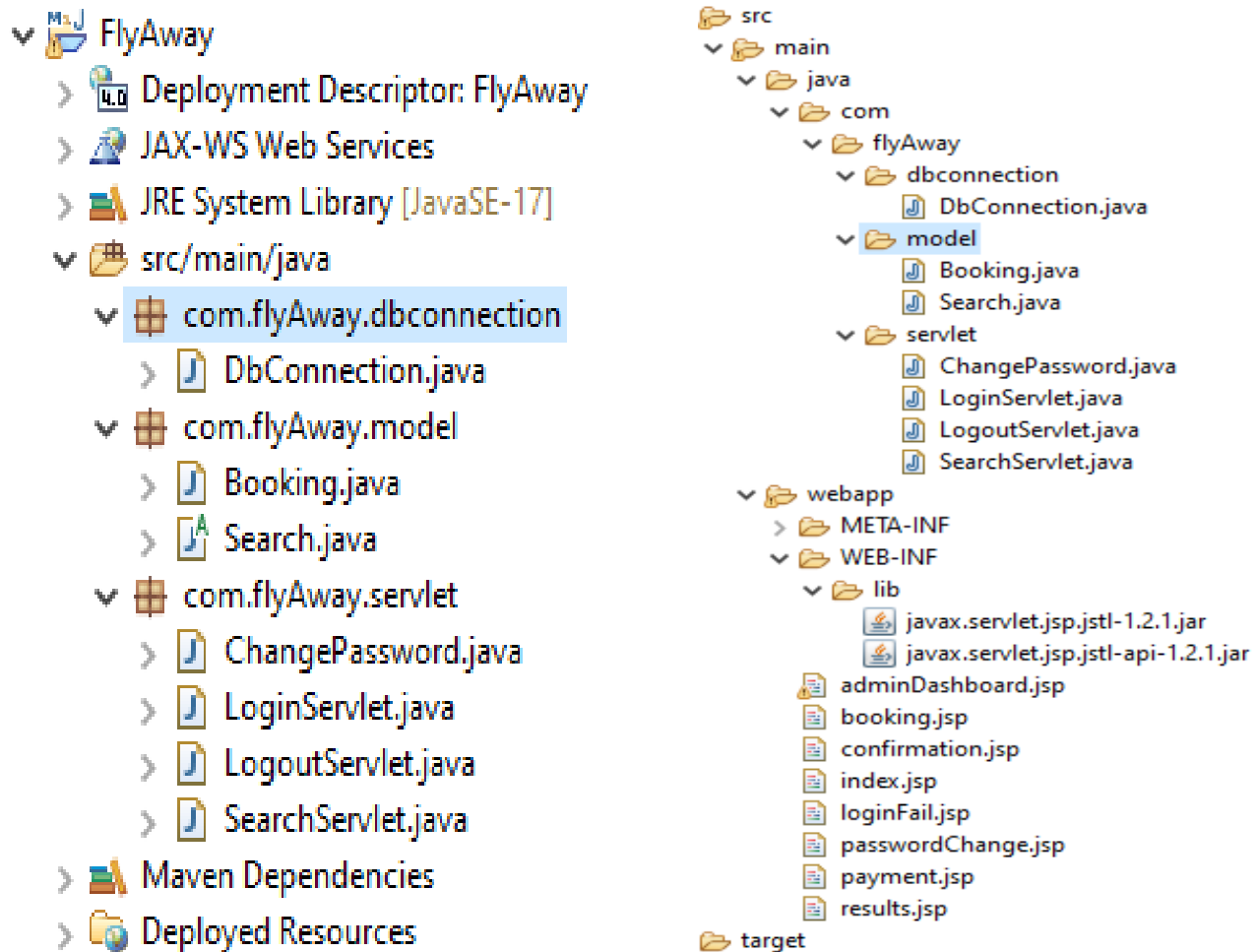
Technology:

Backend - JAVA Servlets

Frontend - JSP, HTML, CSS
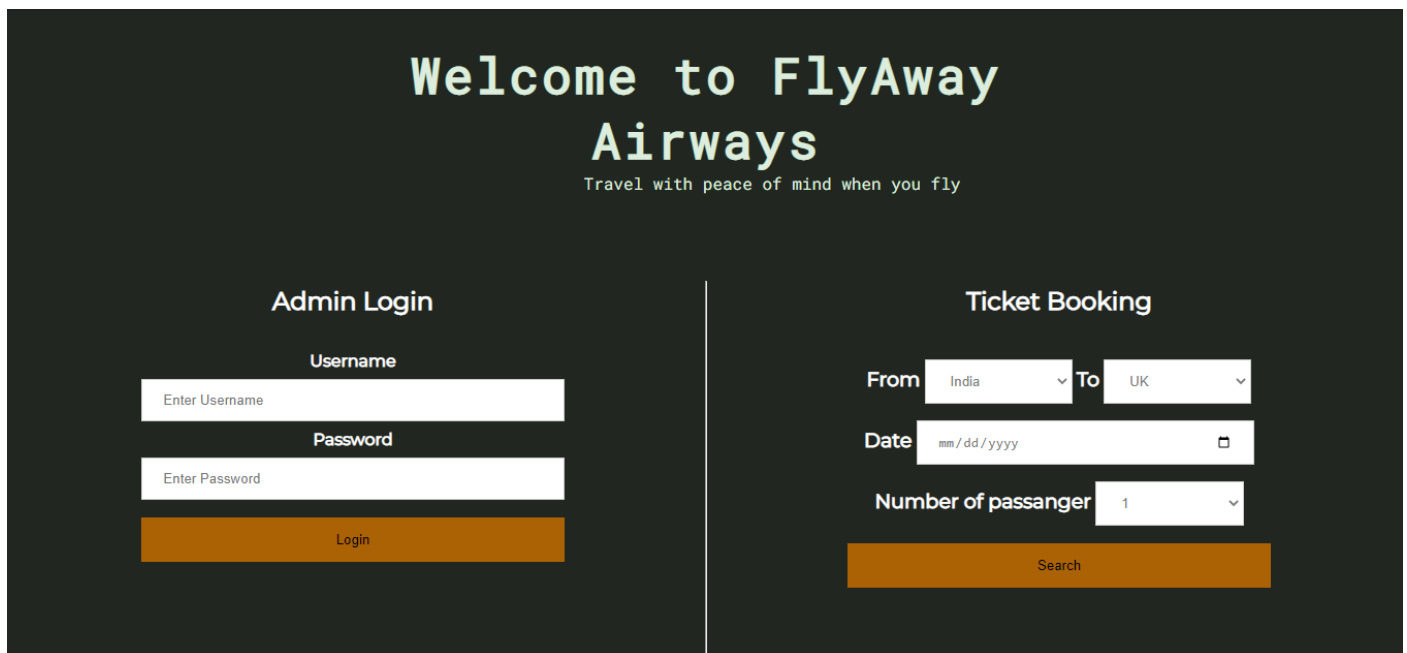
Database - MySQL

Application Server - Tomcat 9.0

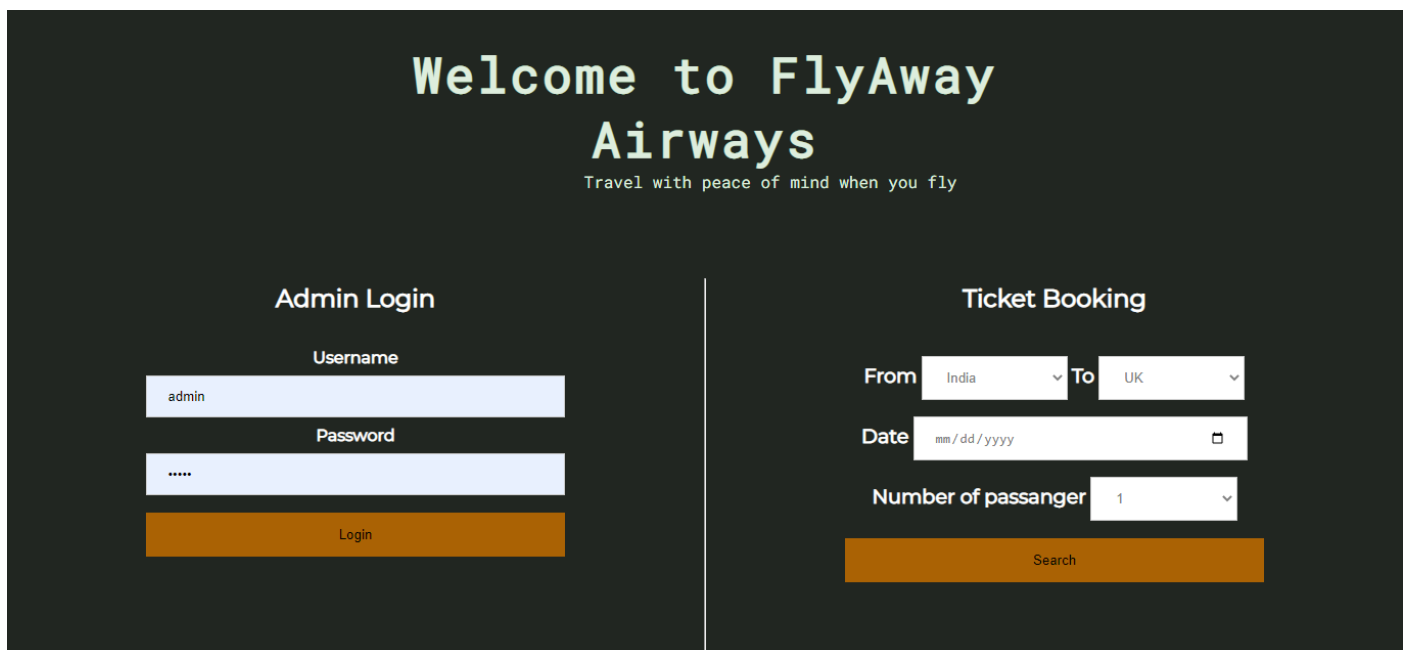**Apps used:** Eclipse IDE-EE, MySQL-Workbench, and GitHub

Project Folder Structure:

```
∨ 🗁 src
  ∨ 🗁 main
    ∨ 🗁 java
      ∨ 🗁 com
        ∨ 🗁 flyAway
          ∨ 🗁 dbconnection
              🗋 DbConnection.java
          ∨ 🗁 model
              🗋 Booking.java
              🗋 Search.java
          ∨ 🗁 servlet
              🗋 ChangePassword.java
              🗋 LoginServlet.java
              🗋 LogoutServlet.java
              🗋 SearchServlet.java
  ∨ 🗁 webapp
    > 🗁 META-INF
    ∨ 🗁 WEB-INF
      ∨ 🗁 lib
          ⚙ javax.servlet.jsp.jstl-1.2.1.jar
          ⚙ javax.servlet.jsp.jstl-api-1.2.1.jar
      📄 adminDashboard.jsp
      📄 booking.jsp
      📄 confirmation.jsp
      📄 index.jsp
      📄 loginFail.jsp
      📄 passwordChange.jsp
      📄 payment.jsp
      📄 results.jsp
  🗁 target
```

```
∨ 🗂 FlyAway
  > 🗂 Deployment Descriptor: FlyAway
  > 📰 JAX-WS Web Services
  > 📚 JRE System Library [JavaSE-17]
  ∨ 🌐 src/main/java
    ∨ ⊞ com.flyAway.dbconnection
      > 🗋 DbConnection.java
    ∨ ⊞ com.flyAway.model
      > 🗋 Booking.java
      > 🗋 Search.java
    ∨ ⊞ com.flyAway.servlet
      > 🗋 ChangePassword.java
      > 🗋 LoginServlet.java
      > 🗋 LogoutServlet.java
      > 🗋 SearchServlet.java
  > 📚 Maven Dependencies
  > 🌐 Deployed Resources
```

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Project Screenshots

Welcome Screen:

Entered username and password:

Admin Dashboard:

FlyAway

Change Password logout

Admin Dashboard

Flight ID	Flight Name	Source	Destination	Day	Price
54006	USA_to_IND_eco	IND	USA	Saturday	10000
55001	USA_to_IND_one	USA	IND	Sunday	10000
55002	IND_to_USA_one	IND	USA	Sunday	10000
57001	USA_to_UK_two	USA	UK	Friday	10000
57002	UK_to_USA_two	UK	USA	Friday	10000
57003	UK_to_IND_two	UK	IND	Sunday	90000
57004	IND_to_UK_two	IND	UK	Sunday	90000
57005	UK_to_USA_one	UK	USA	Saturday	10000
57008	IND_to_UK_three	IND	UK	Wednesday	110000
57009	UK_to_IND_three	UK	IND	Wednesday	110000
57011	IND_to_UK_one	IND	UK	Tuesday	90000
57012	UK_to_IND_one	UK	IND	Tuesday	90000
57014	USA_to_UK_one	USA	UK	Saturday	10000
57018	IND_to_UK_two	IND	UK	Monday	110000
57019	UK_to_IND_two	UK	IND	Monday	110000
58001	USA_to_IND_three	USA	IND	Thursday	10000
58002	IND_to_USA_three	IND	USA	Thursday	10000
58006	USA_to_IND_two	USA	IND	Saturday	10000
58007	IND_to_USA_two	IND	USA	Saturday	10000
59006	USA_to_IND_two	USA	IND	Saturday	10000

Click on change password:

Change Password

New Password

root

Password

root

Change Password

Welcome to FLyAway

Here you find ticket at affordable range...

Admin Login

Password Changed , please login

Username

admin

Password

•••••

| Login |

Ticket Booking

From [India] To [UK]

Date [mm / dd / yyyy]

Number of passanger [1]

| Login |

Welcome to FLyAway

Here you find ticket at affordable range...

Admin Login

Invalid username or password

Username

admin

Password

•••••

| Login |

Ticket Booking

From [India] To [USA]

Date [mm / dd / yyyy]

Number of passanger [1]

| Login |

Click on logout:

FlyAway

[Change Password] [logout]

Admin Dashboard

Flight ID	Flight Name	Source	Destination	Day	Price
54006	USA_to_IND_eco	IND	USA	Saturday	10000
55001	USA_to_IND_one	USA	IND	Sunday	10000
55002	IND_to_USA_one	IND	USA	Sunday	10000
57001	USA_to_UK_two	USA	UK	Friday	10000
57002	UK_to_USA_two	UK	USA	Friday	10000
57003	UK_to_IND_two	UK	IND	Sunday	90000
57004	IND_to_UK_two	IND	UK	Sunday	90000
57005	UK_to_USA_one	UK	USA	Saturday	10000
57008	IND_to_UK_three	IND	UK	Wednesday	110000
57009	UK_to_IND_three	UK	IND	Wednesday	110000
57011	IND_to_UK_one	IND	UK	Tuesday	90000
57012	UK_to_IND_one	UK	IND	Tuesday	90000
57014	USA_to_UK_one	USA	UK	Saturday	10000
57018	IND_to_UK_two	IND	UK	Monday	110000
57019	UK_to_IND_two	UK	IND	Monday	110000
58001	USA_to_IND_three	USA	IND	Thursday	10000
58002	IND_to_USA_three	IND	USA	Thursday	10000

Welcome to FlyAway Airways

Travel with peace of mind when you fly

Admin Login

Username

admin

Password

Enter Password

Login

Ticket Booking

From USA **To** IND

Date mm/dd/yyyy

Number of passanger 1

Search

Search for ticket booking:

Ticket Booking

From India **To** UK

Date 05/11/2022

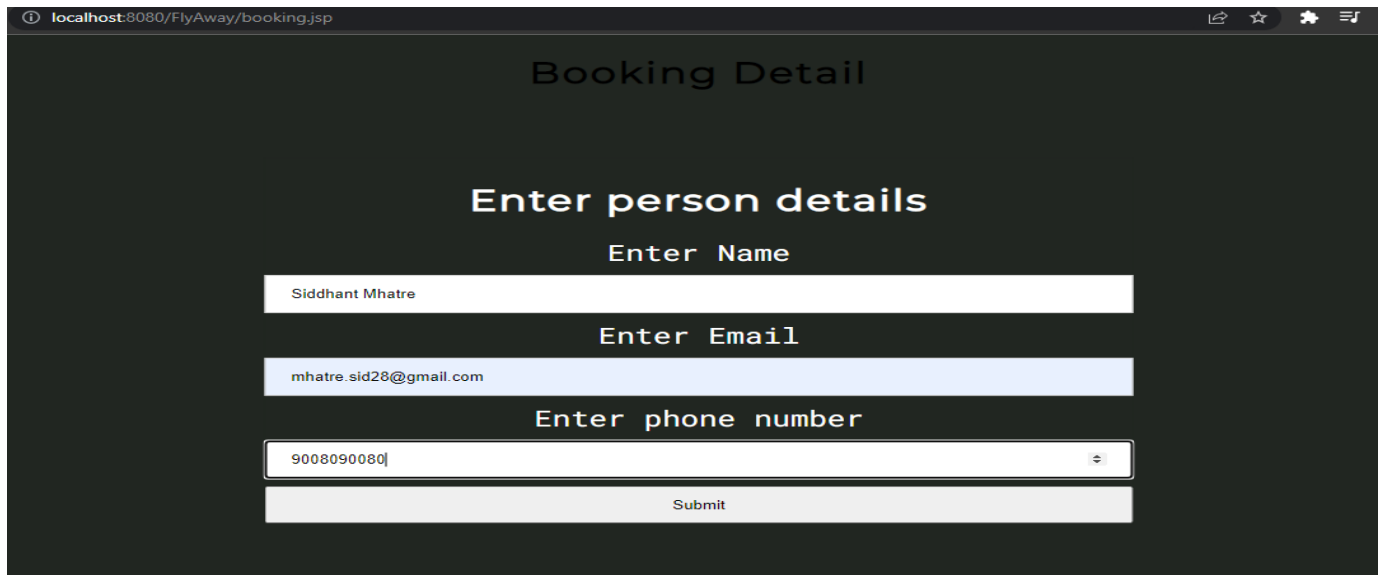**Number of passanger** 2

Search

FlyAway

Search result 0f flights from **IND** to **UK**
Date of flight is **2022-05-11(WEDNESDAY)** for **2** passanger.

Search Result

Flight Name	Source	Destination	Day	Price	Booking
IND_to_UK_three	IND	UK	Wednesday	110000	Book

Click on book:

Booking Detail

Enter person details

Enter Name
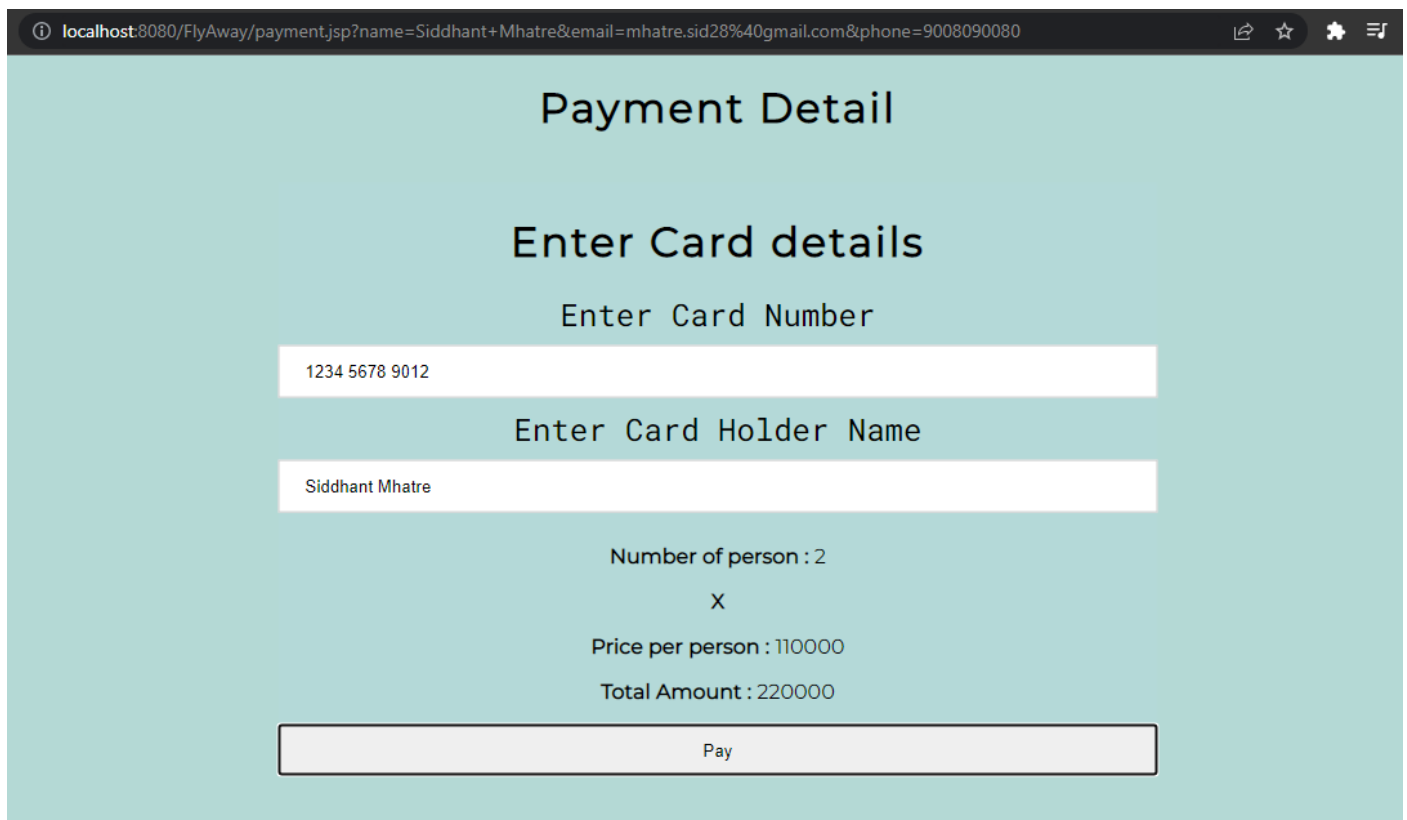
Siddhant Mhatre

Enter Email

mhatre.sid28@gmail.com

Enter phone number

9008090080

Submit

Click on submit:

localhost:8080/FlyAway/payment.jsp?name=Siddhant+Mhatre&email=mhatre.sid28%40gmail.com&phone=9008090080

Payment Detail

Enter Card details

Enter Card Number

1234 5678 9012

Enter Card Holder Name

Siddhant Mhatre

Number of person : 2

X

Price per person : 110000

Total Amount : 220000

Pay

Click on Pay:

Ticket is confirmed

Ticket Detail	
Flight ID	57008
Flight Name	IND_to_UK_three
Date of Journey	2022-05-11
Passanger Name	Siddhant Mhatre
Passanger Email	mhatre.sid28@gmail.com
Passanger phone number	9008090080

Thanks for booking with us.Happy Journey!

GITHUB URL

https://github.com/Mscitsid/Fly-Away-Airline-Booking-Portal-.git