● Project and developer details

**Flyaway- Airline Reservation System.**

Flyaway is a ticket-booking portal that lets people book flights on their website.

**Developer: Apoorva Rao**

● Sprints planned and the tasks achieved in them

**Sprint 1: (7 days)**

**Task: Creating Admin login page and features associated with Admin**

admin backend with the following features:

● An admin login page where the admin can change the password after login, if he wishes  
● A master list of places for source and destination  
● A master list of airlines  
● A list of flights where each flight has a source, destination, airline, and ticket price

**Sprint 2: (7 days)**

**TASK: Develop user interface with following features.**

● A search form in the homepage to allow entry of travel details, like the date of travel, source, destination, and the number of persons.  
● Based on the travel details entered, it will show the available flights with their ticket prices.  
● Once a person selects a flight to book, they will be taken to a register page where they must fill in their personal details. In the next page, they are shown the flight details of the flight that they are booking, and the payment is done via a dummy payment gateway. On completion of the payment, they are shown a confirmation page with the details of the booking.

● Algorithms and flowcharts of the application

Show Home page with Login

Login Servlet: Admin login/ Customer login?

AdminServlet: Input admin operation – 1. Change password 2. New use entry 3. New place entry 4. new Airline entry 5. new Flight entry

AdminOperation.jsp: Takes user inputs basedon operation and invokes corresponding .jsp

AdminPasswordChange.jsp

AddNewUser.jsp

AddNewPlace.jsp

AddNewFlight.jsp

AddNewAirline.jsp

MySQL DB ( tables – Login, Places,Airlines,Flights, Bookings

CustomerServlet: Take user input : source ,Dest, date, number of travelers

CustSearchFlights.jsp: Displays option of flight for user input data and takes user choice

Payment.jsp: Displays cost of tickets for user choice and asks for payment

TravellerDetails.jsp: Takes name, ppno, gender and age from users to complete booking

TicketsBooked.jsp: generate tickets and saves user info to bookings table, update seat data in flights table. Displays Ticket and booking details to user

● Core concepts used in the project   
● EclipseAn IDE to code for the application   
● Java: Servlets, JDBC, JSP, html, Cookies  
● SQL: My SQL Create, Update, Delete. Add to tables Login, Flights, Airline, Bookings  
● Maven:   
● Git:   
● GitHub : <https://github.com/apoorvarao17/SL_PHASE2_PROJECT>  
● Scrum: 2 scrums  
● Specification document: Any open-source document or Google Docs

● Links to the GitHub repository to verify the project completion

<https://github.com/apoorvarao17/SL_PHASE2_PROJECT>