**FlyAway (An Airline Booking Portal)**

**Developed by VASUKI PR**

**Sprint Planning**

**Sprint 1:**

4

3

1

**2**

**Sprint 2:**

4

3

2

1

**Sprint 3:**

* Pushing the code to the GitHub Repository.
* Creating Documents like flow of the Project, source code and output screenshots.
* Final check and completion of the project.

**Flow Chart :**

**User**

**Admin**

**WriteUp**

**MySql/Database**

**Step 1:** Create a database named flyway

**Step 2:**Create a table named user with values email, password, name, Phone number, Adhaar Number.

**Step 3:**Create a table flights with values from, to, date, time, price.

**Step 4:**Create a table admin and insert values admin mail id and password.

**Eclipse IDE**

**Maven Project**

**Step 1:** Create a Maven Project.

**Step 2:** Add Dependencies in pom.xml file

**JSP FILES/Frontend**

**Step 3: AdminPage** which ask the admin to login. For logging admin mail id and password was created in mysql.

**Step 4:**Once if the admin login in into the page **AdminHome.jsp** is created which ask the admin to enter the flight details like name ,from, to, departure, time, price, submit.

**Step 5: ResetPassword.jsp** Admin can also reset the password if he wishes.

**Step 6: HomePage.jsp** which display the user login credentials and User Registration.

**Step 7: InsertFlight** servlet will fetch the details entered by the admin and add it to the mysql database.

**Step 8:UserRegistrartion.jsp** file which ask the user to register with personal details.

**Step 9:** Once if the user logged in it will ask for the flight details to be booked. **Flightlist.jsp** will display the available flights and user can select the flight and go for payment. **BookFlight.jsp** will ask the payment and books the flight.

**Step 10: BookFlight.jsp** which ask the user to enter the payment details. Once its is successed it will display Flight Booked successfully.

**SERVLETS/Backend**

**Step 1: DAO** class which connects the java with the database. And tables and columns were fetched from the database.

**Step 2 :StringUtil** which handle the charactersandsymbols fetches from the user and admin as well.

**Step 3:** **AdminLogin** servlet will get the parameters entered by the user. If the inputs are valid it takes to the AdminHome. If it is invalid it shows invalid details to the user.

**Step 4: ResetPassword** servlet gets the input from the admin and save it to the database.

**Step 5: UserRegistration** get the input from the user and save it to the database.

**Step 6: UserLogin** sevlet will get the inputs from the user and checks it with the database and navigate to the next page.

**Step 7:FlightList** servlet will get the inputs from the user and checks it with the database and displays the flight if it is available or displays no flight available if it is not in the database. If the flights are available it takes the payment entered by the user.

**Step 8: Logout** servlet logs out and take it to the homepage.

**Step 9:** Run the project in server, Tomcat 8.0.