

FLYAWAY:

1.Modules in the project

- Database
 - Dao
- Servlets
 - AdminLogin
 - FlightList
 - ForgotPassword
 - InsertFlight
 - Logout
 - UserLogin
 - UserRegistration
- Util
 - StringUtil

1. A homepage, which opens a search form to enter travel details that is the date of travel, source, destination, and the number of travellers. We need to add all details.
2. Based on the travel details entered, it will show the available flights with their ticket prices fetching data from the MySQL database, connected to JSP and Servlets.
3. Once a user selects a book this flight button, they will be taken to a register page to fill in their personal details.
4. In the next page, they are shown the flight details of the flight that they are booking and form to enter payment details along with checkout button.
5. After clicking the checkout button, they are shown a confirmation page with the details of the booking.
6. For the above features to work, there is an admin backend with the following features:
 - An admin login page, where anyone can register as an admin and the admin can change password after login, if they wishes.

- A list of flights where each flight has a source, destination, airline, and ticket price is shown on the admin dashboard.

2.Project Link

Repository Name: Booking Tickets

GitHub Link: <https://github.com/HarithaBalaji/BookingTickets.git>

3.Core Java Concepts

- Working with database (MySQL)
- Naming Standards
- Exceptions
- Modularity
- Object Oriented Programming
- Collections
- Control structures
- Data Structures
- JSP (Java Server Pages)
- Servlet

4.Tools and Technologies Used

- JSP, HTML, CSS, Bootstrap for **View**.
- JAVA Servlets as **Controller**.
- Tomcat 9.0 as an Application Server.
- Eclipse: As an IDE to code for the application.
- Java: A programming language to develop the web pages, databases.
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the application code and track its versions