



FLYAWAY (PROJECT 2)

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About

FlyAway (An Airline Booking Portal). 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.

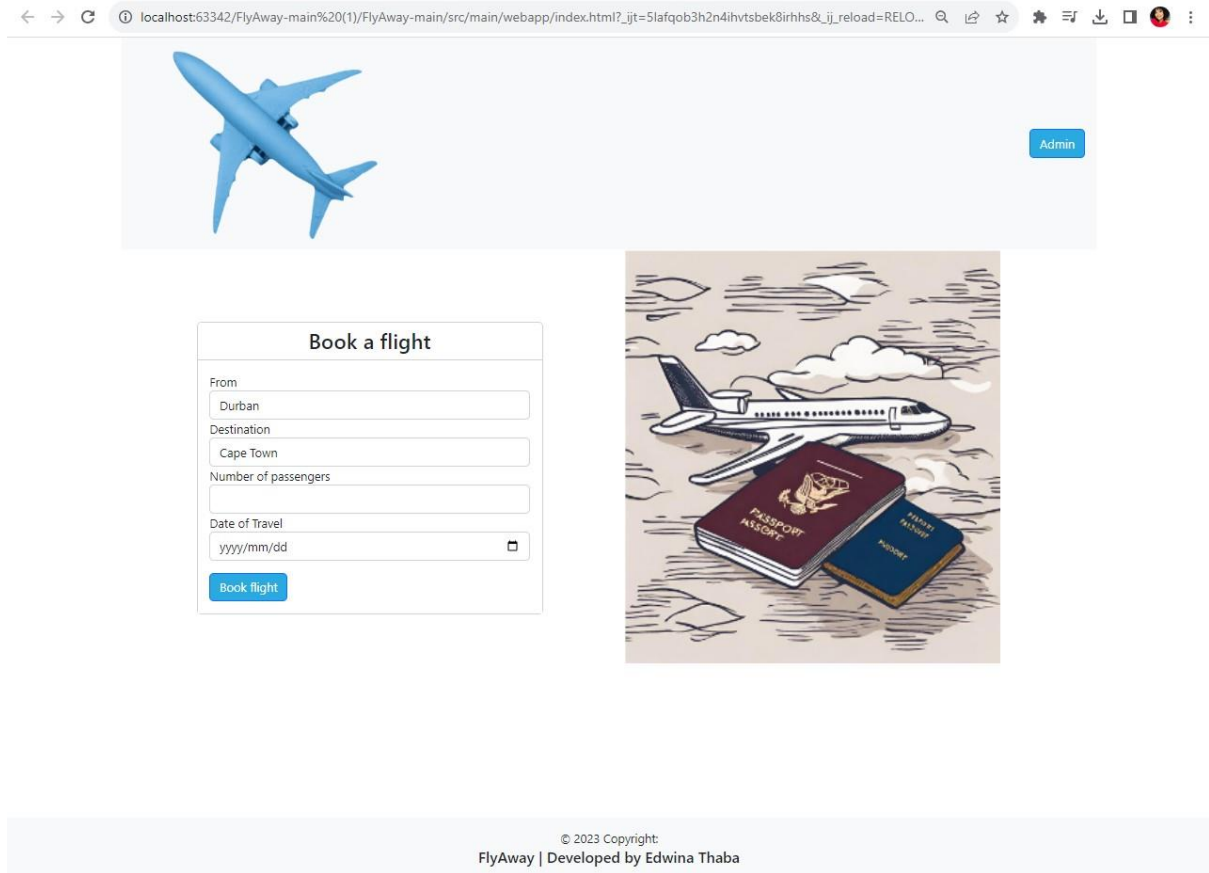
For the above features to work, there will be an admin backend with the following features: An admin login page where the admin can change the password after login, if he wishes A master list of places for source and destination A master list of airlines A list of flights where each flight has a source, destination, airline, and ticket price

The goal of the company is to deliver a high-end quality product as early as possible.

Tools and Technologies Used

- JSP, HTML, CSS, Bootstrap for View.
- JAVA Servlets as Controller
- MySQL database using Hibernate for Model to create tables for admin and flight details. Hosted on a remote server at AWS RDS.
- Tomcat 8.5 as an Application Server.
- Eclipse: As an IDE to code for the application.
- Java: A programming language to develop the web pages, databases.
- Maven: To create a web-enabled Maven project and build deployable war file.
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the application code and track its versions.
- Scrum: An efficient agile framework to deliver the product incrementally

Screenshots





Admin

Admin SignUp

Email Address

Enter Password

Confirm Password

Register



Admin DashBoard

You are logged in as : mail@gmail.com

Add Flight flight list change password booking history Logout





Admin

Admin Login

Email

Password

Login

Not an admin? [Register](#)



Admin

Admin Login

Email

Password

Login

Not an admin? [Register](#)



Core Java Concepts Used

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