

Flight Reservation:

FlyAway

- 1.) Search form (From, To, Date, Type)
- 2.) Display them a error page. // If the from to data is incorrect
- 3.) List of Flights - Success Result.
- 4.) Allow the user to select the flight and enter the passenger details.
- 5.) Preview page - Shows the flights selected, passenger details - confirm.
- 6.) Save all the details to the database and generate a ticket.
- 7.) Display the Ticket Booking Successful page with the Unique Ticket Number, passenger details, flight details etc.

DB Tables –

Flight (From, to, Date, time, Flight Number(ID), seats)
Passenger (First name, last name, age, gender, Flight Number)



Flight Reservation:

FlyAway (MVC Design Pattern)

1 Create a Maven Project

2 Add dependencies

3 MySQL database creation

4 Create JPA Entities – mapping

5 Create FlightDao.java & HibernateUtil

6 Create FlightServlet.java

7 Create Flight Search JSP page

8 Display an error page for wrong (From, To)

8 Create Flight Listing JSP page

9 Preview JSP page (Flight selected)







10 Submit to DB and Generate ticket

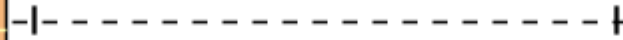
11 Display ticket booking JSP page






Flight Reservation:

FlyAway (MVC Design Pattern)

ER-Diagram

| Flight | | | |
|---|-------------|---|---|
|  flightNumber | int(10) | | |
|  from | varchar(50) | N | |
|  to | varchar(50) | N | |
|  seat | varchar(10) | N | U |
|  flight_time | time | N | |
|  date | date | N | |



| Passenger | | | |
|--|-------------|---|--|
|  flightFlightNumber | int(10) | | |
|  first_Name | varchar(50) | N | |
|  last_Name | varchar(50) | N | |
|  age | int(10) | N | |
|  gender | char(6) | N | |

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