

Flight Reservation:

FlyAway

- 1.) Search form (From, To, Date, Type)
- 2.) Display them an 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, Type)
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

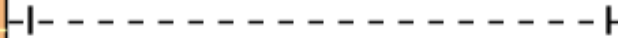
11 Display ticket booking JSP page








Flight Reservation:

FlyAway (MVC Design Pattern)

ER-Diagram

Flight			
 flightNumber	int(10)		
 from	varchar(50)	N	
 to	varchar(50)	N	
 seat	varchar(10)	N	
 flight_time	time	N	
 flight_date	date	N	
 flight_type	varchar(100)	N	



Passengers			
 flightFlightNumber	int(10)		
 passengerId	int(11)		
 first_Name	varchar(50)	N	
 last_Name	varchar(50)	N	
 age	int(10)	N	
 gender	char(6)	N	
 seat_number	int(11)	N	U

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