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SOFTWARE ENGINEERING PROJECT



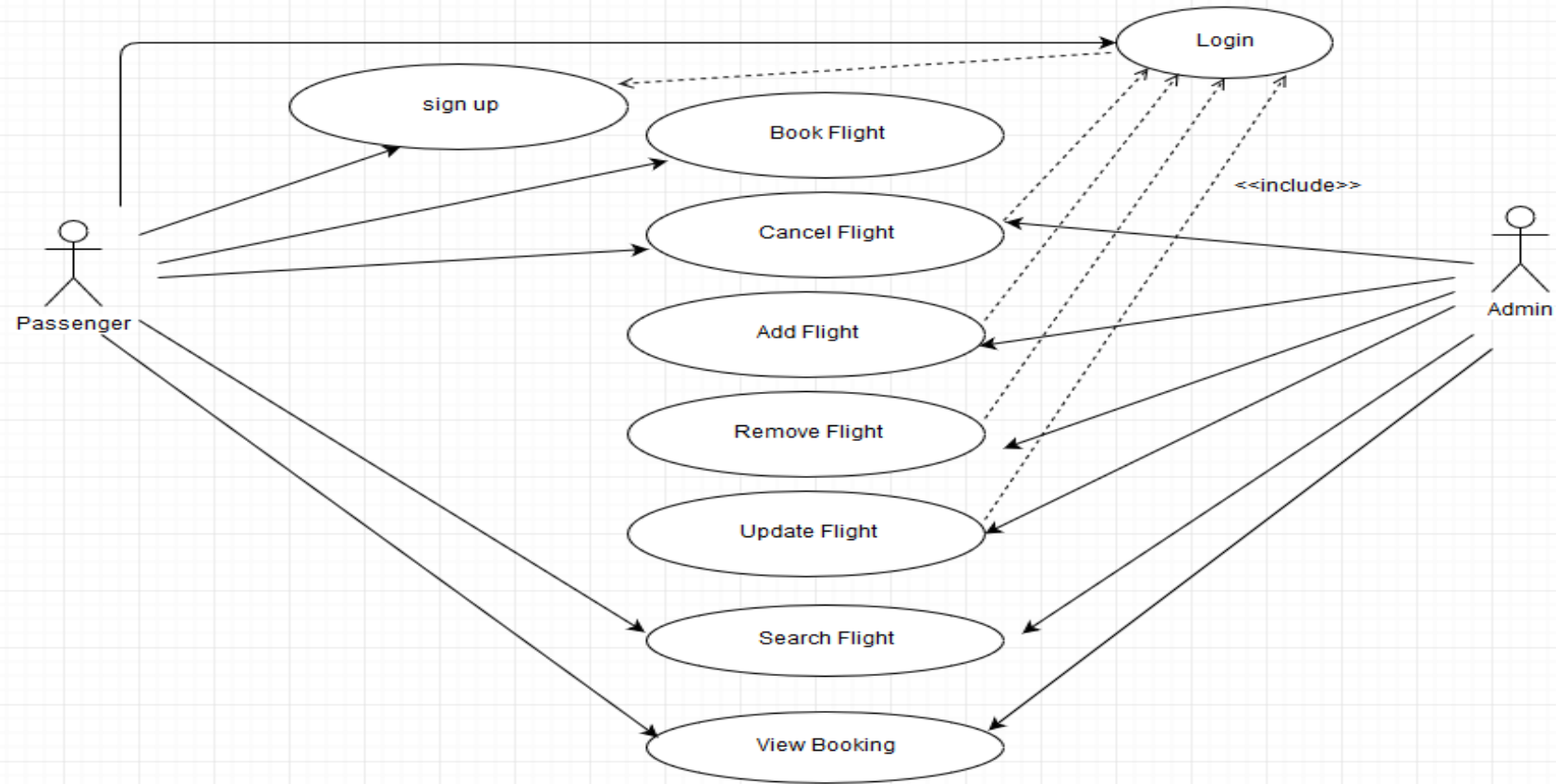
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INTRODUCTION

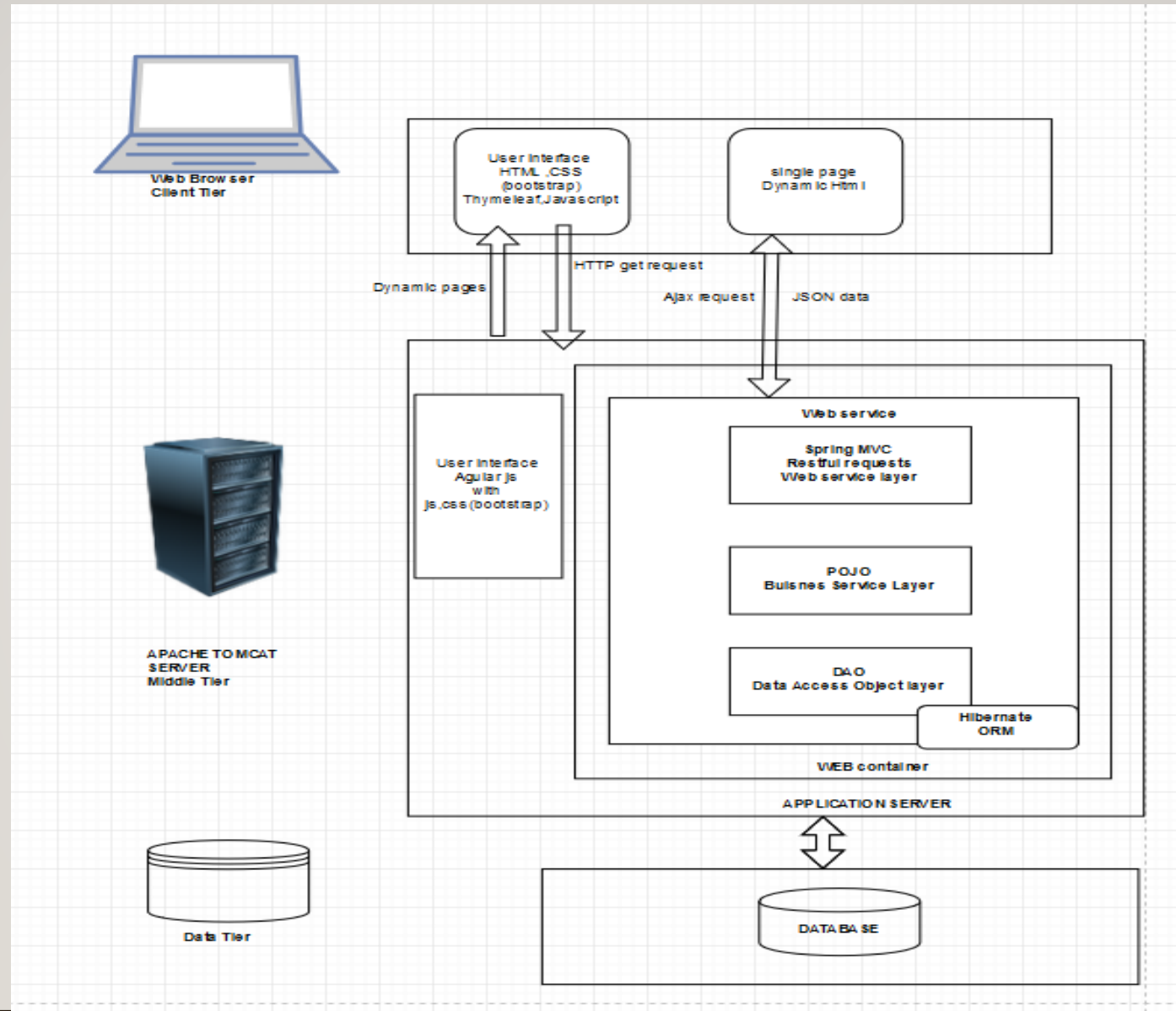
- Currently airlines industry has evolved into one of the most sophisticated and fascinating industries. Today, millions of people fly every day. So, this sophisticated industry need online ticket purchase system is one of the major contributors in the increase of the passengers using air travel.
- Our project is on E flight booking system.
 - The user can view available flight and book a flight etc..
 - The Admin can add flight, remove flight etc.

2. Use case diagram



Use case Diagram

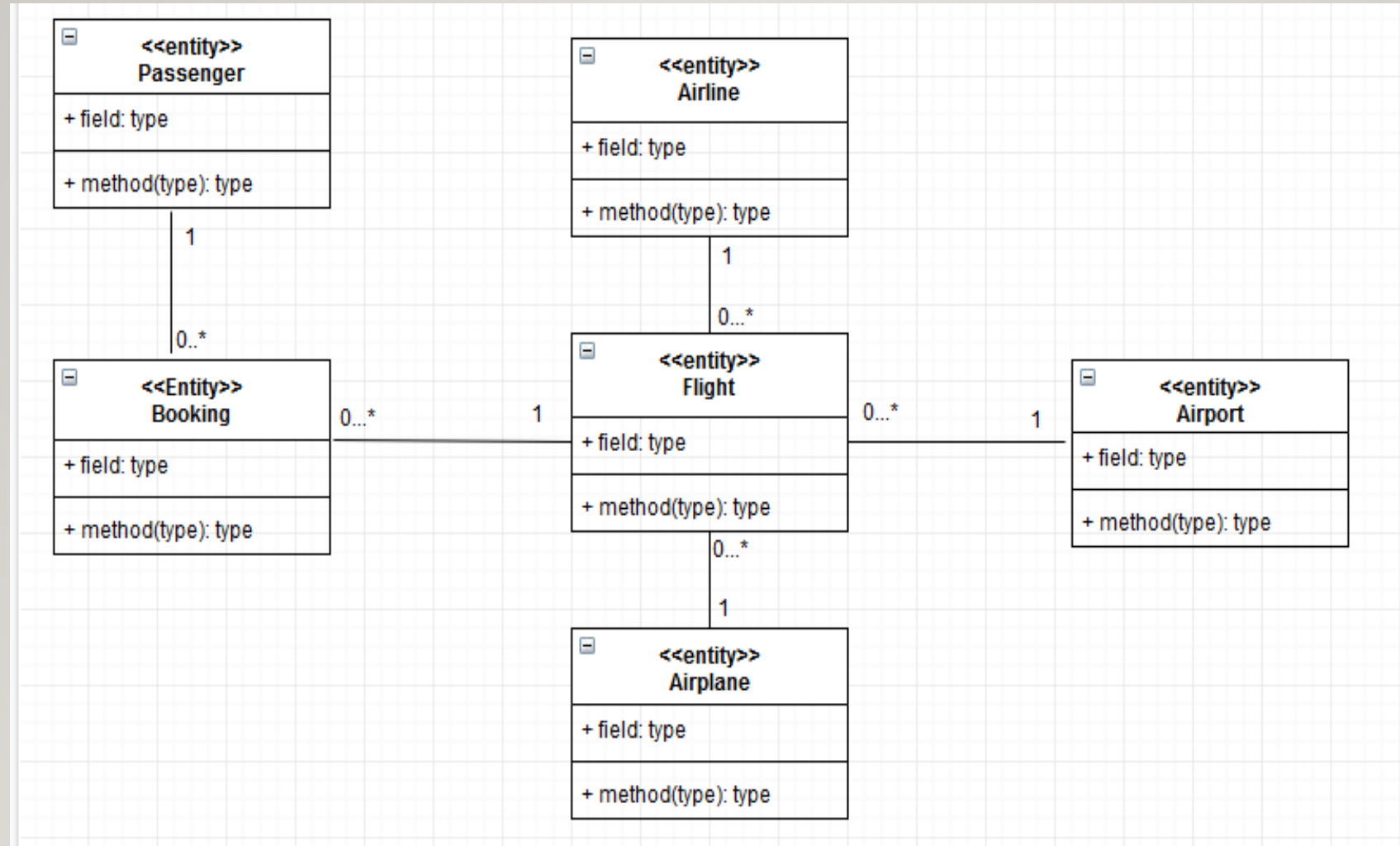
3. System architecture diagram



4.KEY ABSTRACTIONS

- Passenger
- Airline
- Airplane
- Booking
- Airport
- Flight
- Admin

5.VOPC Diagram



6. Use case description

Use case Number: 1		
Name	Book Flight	
Brief description	This use case helps the user(passenger) to book a flight ticket	
Actors	Passenger(user)	
Preconditions: The user not necessarily to login to book flight.		
Flows of events		
1. Basic Flows		
Step	User Actions	System Actions
1	The user(passenger) search a flight in searching box.	The system retrieves that information from the database and returns to the user(passenger).
2	The user(passenger) fills out his information to book a flight ticket.	The system registers his information to data base.
Postconditions: The passenger gets his confirmation number		
Business Rules: passenger must have valid payment method (debit card or credit card)		

7. Sequence Diagram

Book flight

