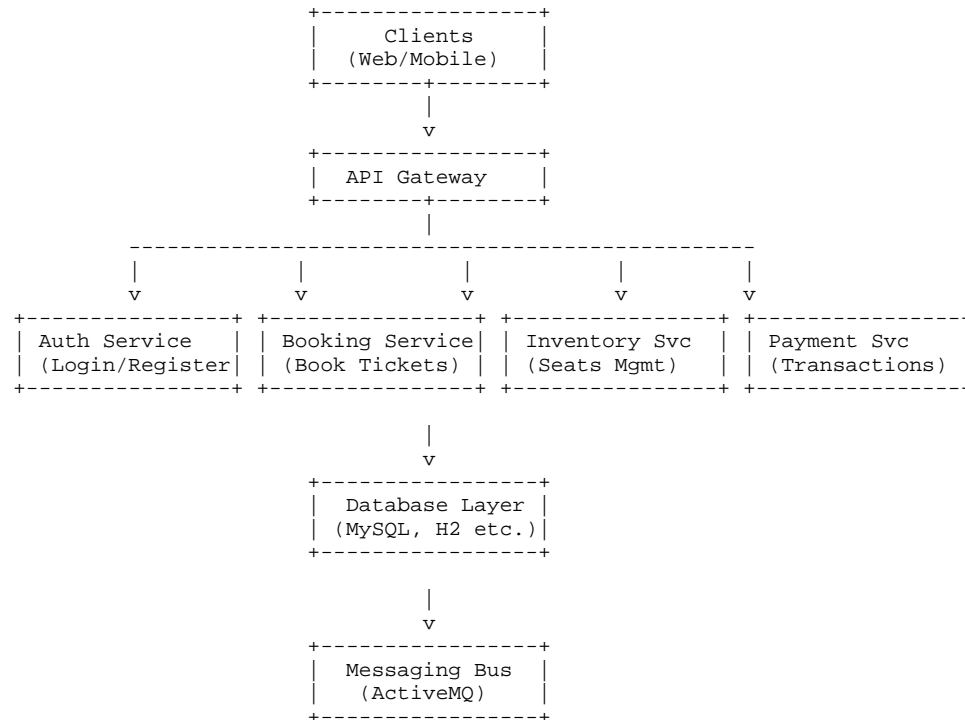


Bus Reservation Microservices - High Level Architecture & Flow



1. User opens the client app (web/mobile) and requests (e.g., search buses, book tickets).
2. Request first passes through API Gateway → routes to correct microservice.
3. Auth Service handles login/registration (✓ Completed).
4. Booking Service processes ticket booking requests (✓ Partially Completed, JMS config added).
5. Inventory Service checks seat availability (✓ Basic setup done).
6. Payment Service manages transactions (■ Pending full implementation).
7. Microservices communicate with database for persistence.

8. ActiveMQ messaging is set up to ensure async communication between services (✓ Config done).