Non Functional Requirements:

• We can aspect more flight searches than bookings
• The system needs to be reliable in terms of booking.
• Expect that we will be having total 100000 users.
• 100000 booking might come up in a quarter.
• In one you might be getting 100 bookings.
• System should be able to make sure that we don't change the price
  when booking payment is going on.
• System should be able to auto scale itself for atleast 3x more traffic.

Back End

Client Side

Middle End

Search Server

mobile
Application

Load Balancer

Api Gateway

Orchestrator

Booking Server

Publish

Messaage Queues

web
application

meassage queues

Reminder
Server

Subscribe