

[Log In](#)

[Join](#)

[Back To Course Home](#)

# Grokking Modern System Design Interview for Engineers & Managers

0% completed

## System Design Interviews

### Introduction

### Abstractions

### Non-functional System Characteristics

### Back-of-the-envelope Calculations

### Building Blocks

### Domain Name System

### Load Balancers

### Databases

**Key-value Store**

**Content Delivery Network (CDN)**

**Sequencer**

**Distributed Monitoring**

**Monitor Server-side Errors**

**Monitor Client-side Errors**

**Distributed Cache**

**Distributed Messaging Queue**

**Pub-sub**

**Rate Limiter**

**Blob Store**

**Distributed Search**

**Distributed Logging**

**Distributed Task Scheduler**

**Sharded Counters**

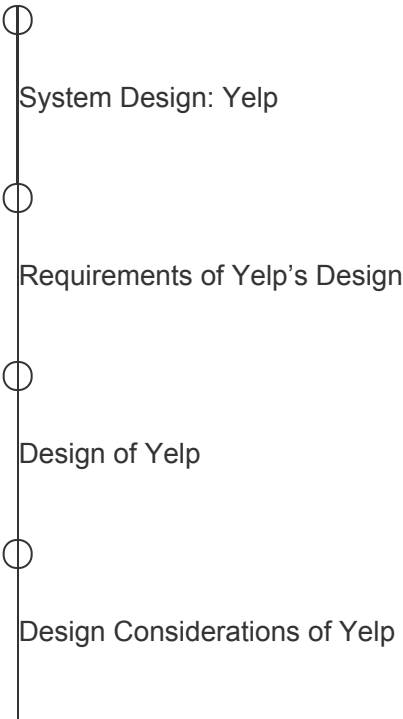
**Concluding the Building Blocks Discussion**

**Design YouTube**

**Design Quora**

**Design Google Maps**

**Design a Proximity Service / Yelp**



**Design Uber**

**Design Twitter**

**Design Newsfeed System**

**Design Instagram**

**Design a URL Shortening Service / TinyURL**

**Design a Web Crawler**

**Design WhatsApp**

**Design Typeahead Suggestion**

**Design a Collaborative Document Editing Service / Google Docs**

**Spectacular Failures**

**Concluding Remarks**

**Course Certificate**

**Mark Course as Completed**

# Quiz on Yelp's Design

Let's test our understanding of the design of a proximity server.

Quiz
<div>1</div> <p><b>(Select all that apply.)</b> Which requirement will not be fulfilled if we don't constrain the number of segments to reduce the graph size?</p>
Reset Quiz

Question 1 of 4  
0 attempted

**Submit Answer**

**Back**

Design Considerations of Yelp

**Next**

System Design: Uber

Mark as Completed

---

Report an Issue