

- ① Requirements
- ② Scale
 - sharding
 - Replication (Read/write QPS)

- ③ Design Goals

- ④ APIs

- ⑤ System Design

MVP: Minimum Viable Product

- ① Questions
- ② Answers
- ③ Upvote: Ques & Answers
- ④ comment
- ⑤ Ranked Answers = (Render Ques Page)
- ⑥ Search
- ⑦ Feed

Q: What is the composition of water?

A1
A2
A3
A4

② Scale

- 10K ques/day

- 300 M DAU

10 K x 500 bytes

= 5 MB/day

10 K x 5 x 2500 bytes

text

= 125 x 10⁶ bytes

KB MB

= 125 MB

Ans → (125 + 5) x 365 x 10

= (30 x 10) x 365

1 GB

~ 365 GB

< 1 TB

[1 TB]

similar sites.com

→ "Dropbox"

Media → Non querable data

IMB S3 (blob storage)

file storage system