System Design Steps

1. Requirements

**Func requs** (what users can… what users will …)

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**Non-func requs** (决定CAP哪个优先? )

Availability > Consistency 🡺 eventual consistency

Consistency > Availability 🡺 strong consistency

or Partition Tolerance

* Low Latency
* Anything “interesting” about the system, anything uniqe?
* Scalability to

How many DAU? How many request per day? What’s peak for traffic

1. API

Core Entities: metadata?

Use JWT Jason Web Token for Authentication 身份验证

// doing what

POST /…/… 200

// doing what

GET /send 什么/ get到什么