

System Design

Main Components:

- webserver (load balancer)
- service (service partition)
- database (primary/secondary database cluster plug cache)

Concepts (todo:finish):

- Vertical scaling
 - increasing the resources of a specific node
 - increasing the scale of a system by adding more power to the existing machine

Considerations:

- failures
- availability and reliability
- read heavy vs write heavy
 - cache for read heavy
 - queue for write heavy
- security

sis:

- System Design