Application Design for Google Cloud Platform

Design first, dimension later.

Design Process

1. Begin simply. Iterate.
2. Plan for failure.
3. Measure everything.

General Solution

- Frontend:
  - Stateless.
  - Use DNS or load balancing to get request from users.
  - Connect to backend services.
- Stateless Backend:
  - Many small stateless servers.
  - Business logic.
  - Message queues.
- Stateful Backend:
  - Distributed data storage.