Software Design Document

(This is a template. Use it like eating cherries: spit the inedible bits out, enjoy the useful bits. "FILE->Make A Copy")

Summary

(What is this software anyway)

Context and Scope

Context

- System requirements link
- Specific facts about the situation the new software is for.
- Objective analysis situating the proposed software in the existing system.

Goals

- What does this do?
- (E.g., this will have 3 9s of uptime)

Non-Goals:

- What won't this software do ?
- (E.g. will not provide atomic writes)

Design

Overview

How will this work, anyway?

Details

System Context Diagram

Key constraints

APIs

Data storage

Prototypes, if any

Cross Cutting Concerns

General broad-based aspects of our system

Security

Privacy

Observability

Governance

Alternatives Considered

Why is this choice the right one?

References

- This design document is roughed out from these ideas
  https://web.archive.org/web/20210909084007/https://www.industrialempathy.com/posts/design-docs-at-google/
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