SOFTWARE DESIGN PRINCIPLES

- KISS
- DRY
- YAGNI

KISS – Keep It Stupidly Simple

A simple solution is better than a complex one, even if the solution looks stupid.

Smells:
- Comments

DRY - Don't Repeat Yourself

Every piece of knowledge must have a single, unambiguous, authoritative representation within a system.

Andy Hunt and Dave Thomas The Pragmatic Programmer

Smells:
- Data Clumps
- Shotgun Surgery
- Switch Statements
- Duplicated Code

YAGNI - You Ain't Gonna Need It

Don't implement a feature until there is need for it.

Smells:
- Speculative Generality

Questions?

Thanks!

Links:

- https://martinfowler.com/bliki/Yagni.html

- https://www.mohitkhare.com/blog/solid-dry-kiss-yagni/

- https://workat.tech/machine-coding/article/software-design-principles-dry-yagni-eytrxfhz1fla

- https://sonikabaniya.medium.com/first-rule-of-coding-dry-dont-repeat-yourself-cfecc19449a5

- https://verraes.net/2014/08/dry-is-about-knowledge/