Concepts

While the market is already oversaturated with cheap, unreliable IoT irrigation products and AI irrigation fluff, our goal is to deliver not just some cheap hardware, but a well developed, robust and reliable and maintainable solution.

Our System needs to be able to deal well with:

- bad power
- no internet
- heat & dust
- unqualified field workers

So this means, our Architecture needs to be:

- offline-first
- hardware-enforced safety
- deterministic control
- supervisory only networking
- explicit decision precedence
- audit-ready by design

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