## Use your team of problem solvers to solve customer problems

- Present the customer problem...repeatedly and in detail
- Make sure the team have understood the problem
- Provide discovery/research time
- Experiment and measure success
- Engage with your engineers and ask them questions
- Negotiate the tradeoffs like time, budget, performance, etc.
- Have a discussion about technical debt what slows your engineers down?
- Set aside time to prevent the need for a complete rewrite in the future

## Starting point: Agile principles

- 1. Our highest priority is to <u>satisfy the customer</u> through early and continuous delivery of valuable software.
- 2. <u>Welcome changing requirements</u>, even late in development. Agile processes harness change for the customer's competitive advantage.
- 3. <u>Deliver working software frequently</u>, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
- 4. Business people and developers must work together daily throughout the project.
- 5. Build projects around <u>motivated individuals</u>. Give them the environment and support they need, and <u>trust them to get the job done</u>.
- 6. The most efficient and effective method of conveying information to and within a development team is <u>face-to-face conversation</u>.

- 7. Working software is the primary measure of progress.
- 8. Agile processes promote <u>sustainable development</u>. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
- 9. Continuous attention to technical excellence and good design enhances agility.
- 10.<u>Simplicity</u>--the art of maximising the amount of work not done--is essential.
- 11.The best architectures, requirements, and designs emerge from <u>self-organising teams</u>.
- 12.At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behaviour accordingly.

https://agilemanifesto.org/principles.html