Lecture 2

- How to prioritize, importance/urgency matrix: https://todoist.com/productivity-methods/eisenhower-matrix
- Story points are useful as a mental concept. However, it falls short in practice. I find it useful to remove the indirection, and map tasks directly to time, using the person most familiar with the topics as the gauge.
    - Most of the time, people will fall back on time estimates to do story points, and planning poker is very slow, especially if you are working on a big project with 10+ engineers working.
    - Best way I've seen planning done is to break down large tasks into 1-2 days granularity. We need to strike a balance of being detailed enough that we remove as much unknown unknowns as possible, and not being so detailed that planning gets bogged down.
- CRC etc
    - Typically in a large org, there are two primary docs that gets produced. One is product requirements and the other is engineering requirements.
    - CRC is closer to engineering requirements, but it's a subset of all the considerations that needs to go into the doc.
    - Typically to sketch out a large scale system and how all the pieces fits together, we would use a data-flow diagram: https://en.wikipedia.org/wiki/Data-flow_diagram
    - For more detailed specification, we would typically use a sequence diagram, which brings time and process into the equation, and it's more style/language agnostic: https://en.wikipedia.org/wiki/Sequence_diagram
        - https://creately.com/blog/diagrams/sequence-diagram-tutorial/