CLD Outline

First Steps:
- Read through the problem statement completely
- Go back over the problem statement, and pick out the highest level concepts to get an idea of what is trying to be achieved
- Based off of requirements, select an architecture
    - With the Pump Controller, I decided to go with a QSM as it would be the best for scalability, and have a responsive UI
- Create a draft flow chart to organize ideas

Starting the Architecture:
- Create an "application data" typedef that will contain all of the relevant information
- Focus on initialization states and shut down states
    - Target getting the application to run and handle shutting down gracefully

Implement application logic:
- Following the flow diagram, begin to implement the functionality listed in the requirements
    - Revise the flow document as changes are made
- I tried to implement small pieces of functionality and testing it as I go
    - Try not to get hung up on small bugs as time is limited

Cleanup:
- Go back through and document logic
- Attempt to clean up small bugs