

Presented By:
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HydroSystem

Final Year Presentation



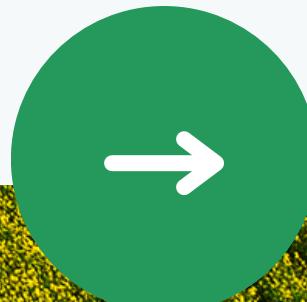
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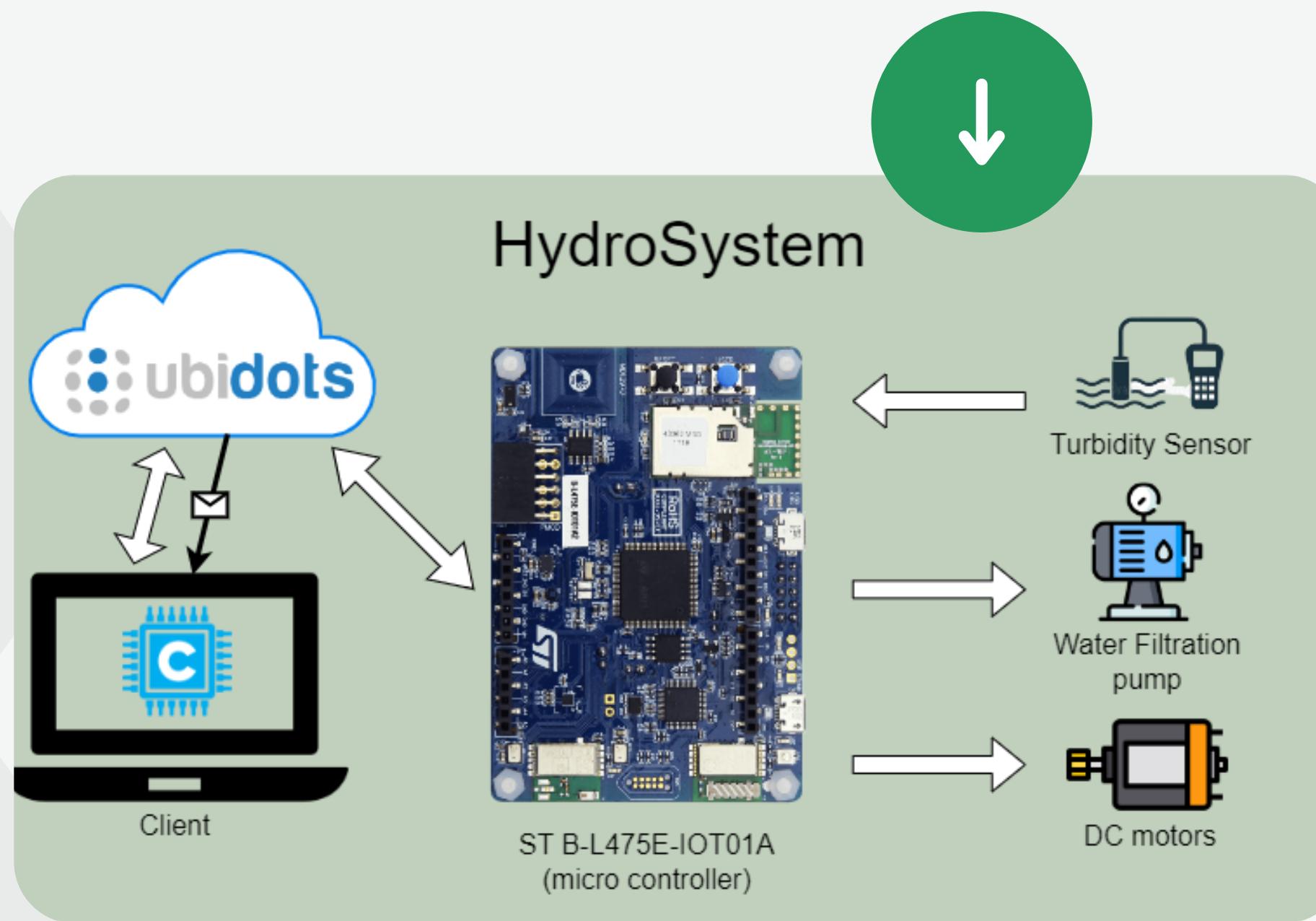
Project Motives

One of my personal passions is gardening and landscaping. I worked for my brother's gardening and landscaping company last year, the most frustrating part of the work was growing hydroponic plants in ponds for clients.

Therefore, I've decided to act by designing HydroSystem. HydroSystem is a water cleanliness monitoring unit. It monitors the turbidity present in a liquid and is measured in (Nephelometric Turbidity unit (NTU)).



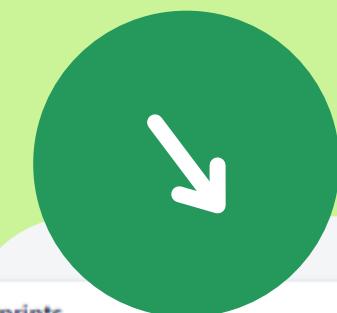
HydroSystems Architecture Diagram



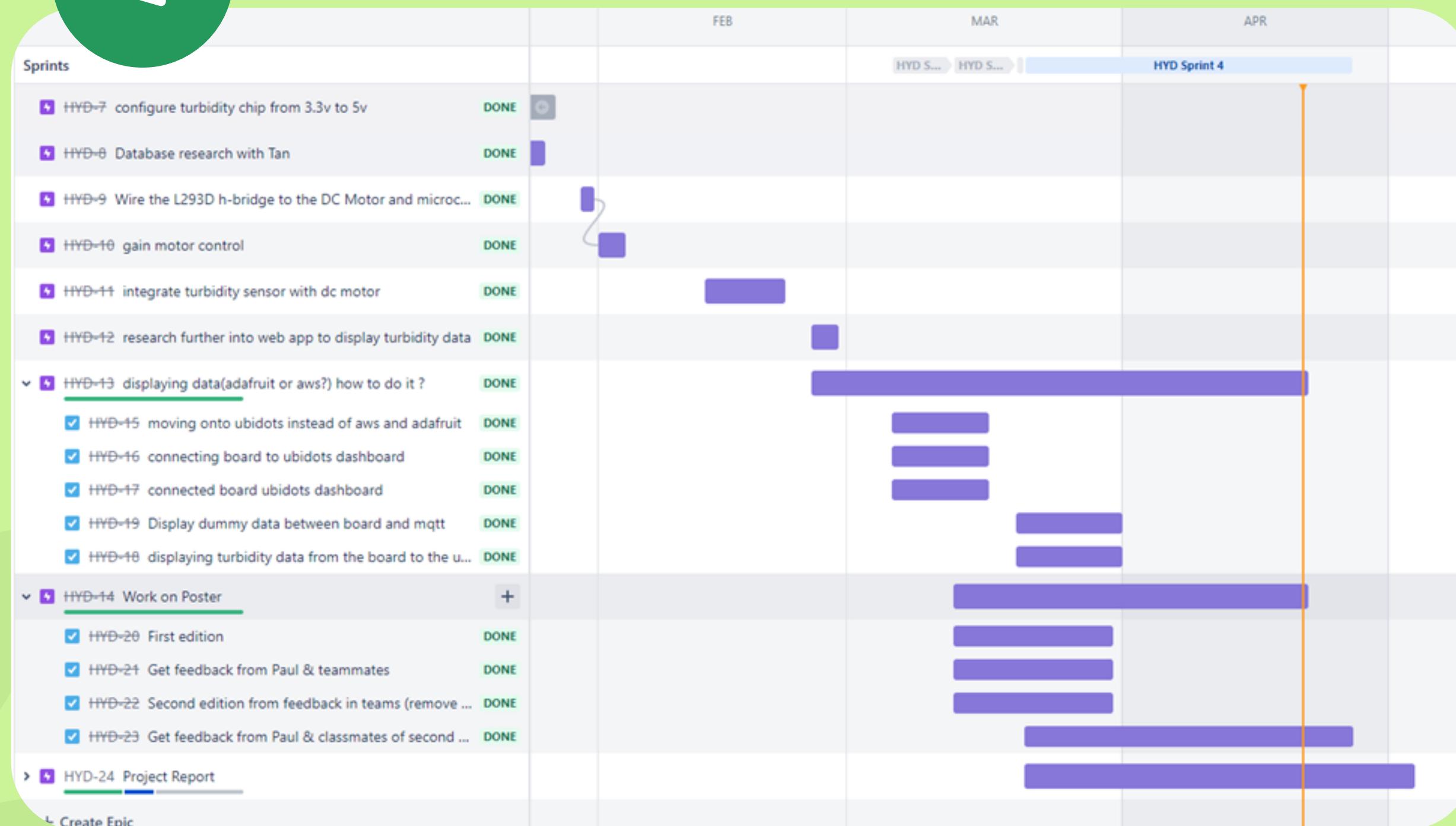
- The architecture diagram consists Input/output devices (Turbidity sensor, Water filtration pump & DC motor).
- The ST b-l475e-iot01a micro-controller.
- Embedded C is used to write the functionality code of the application & to connects to Ubidots STEM.



Project Plan



Jira Timeline



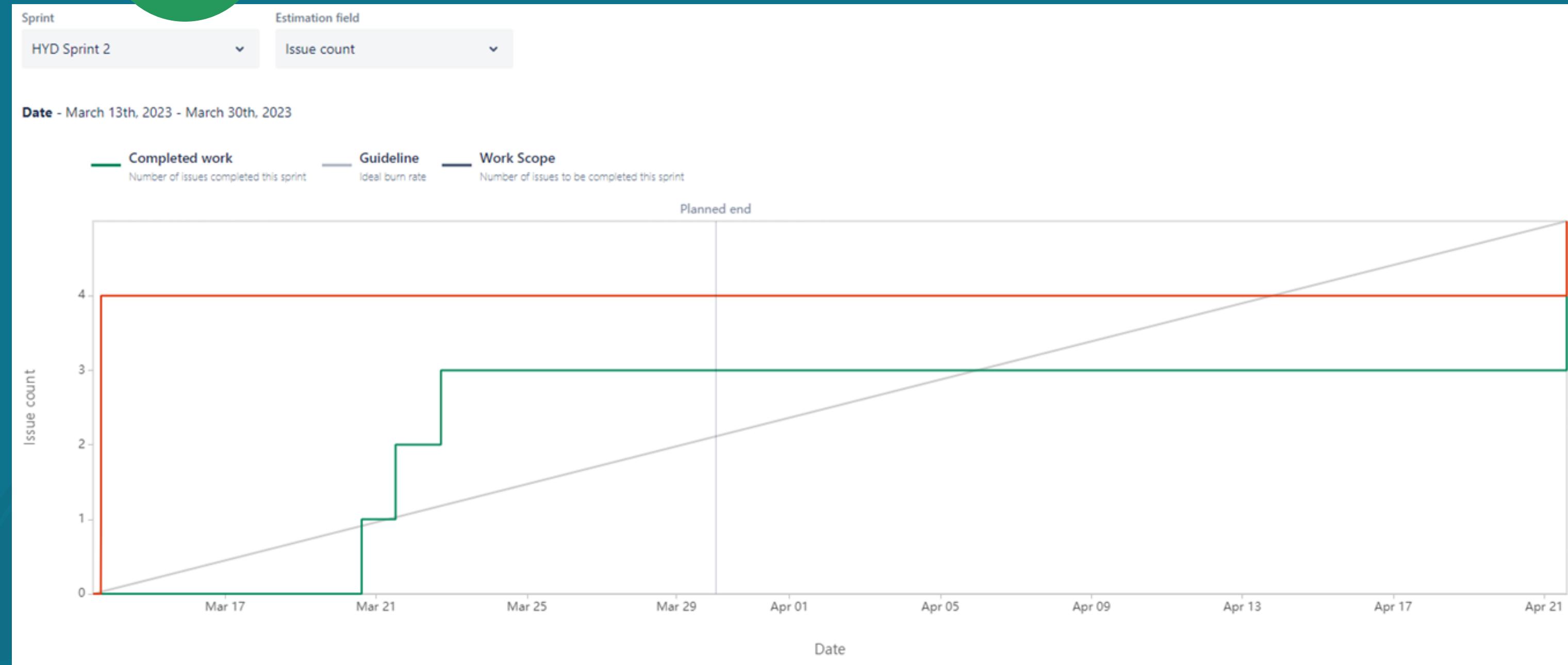
HydroSystem



Project Plan



Jira Sprint Burnup Report



Thank You

Any Questions



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