LIGHTNING TALKS

Beth Hatter

“HYPER” Agile

A Summer of Agile Exploration with Washington State University’s Hydrogen Properties for Energy Research Lab

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A Little Journey….and a Story

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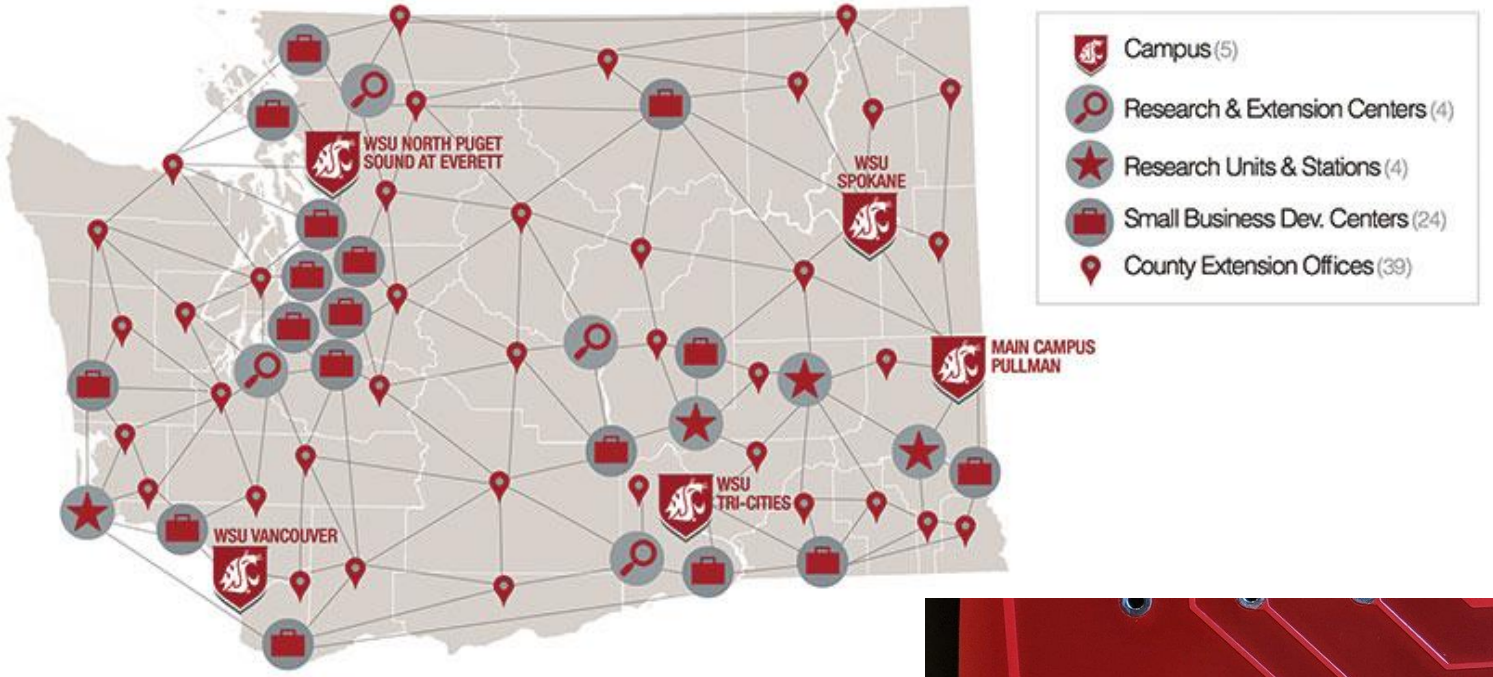

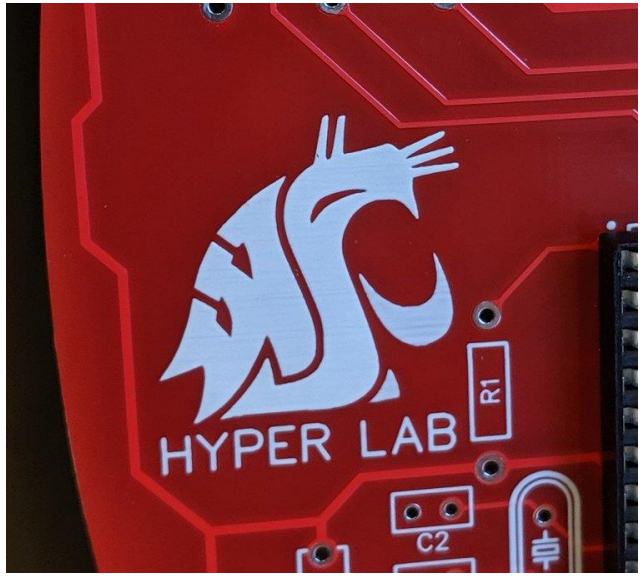

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From Dr. Jake Leachman:
https://hydrogen.wsu.edu/

Create an engineering education system where students continuously improve performance with the **design-build-test cycle**.

Hmmmm…I can do that!

Goal – Expose Students to Agile

- Introduce agile, Scrum, Kanban
- Creating backlog
- Prioritizing and sizing work
- Sprint execution
- Running demos and incorporating feedback

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LEGO!

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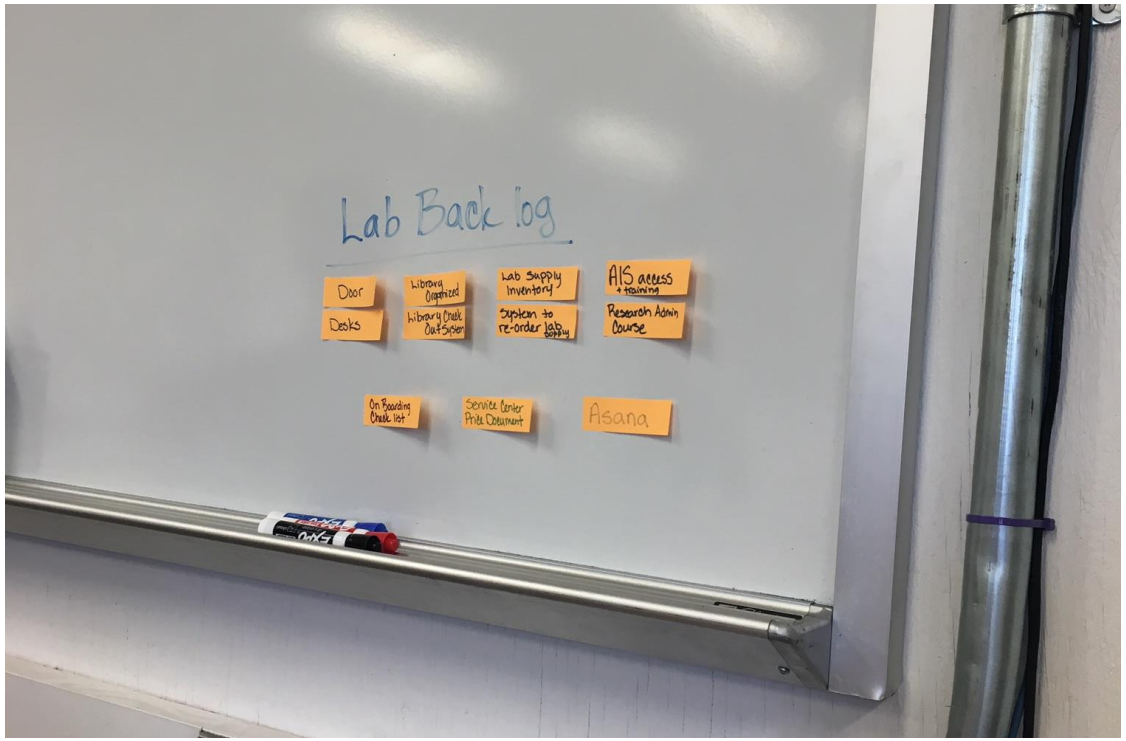
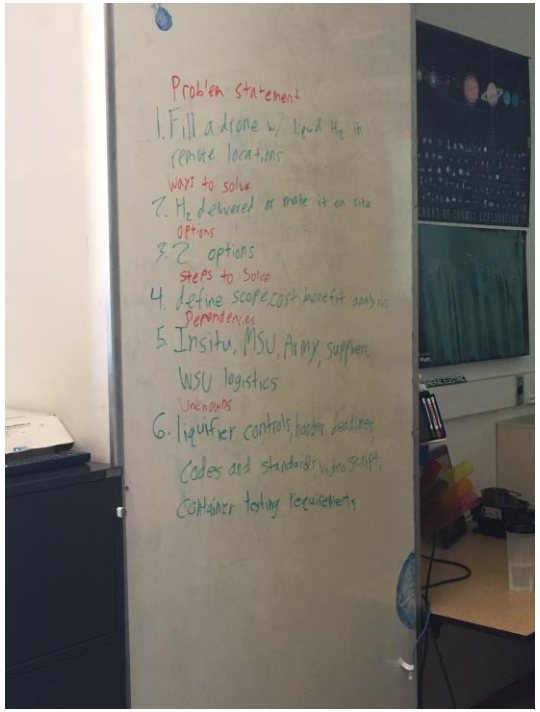
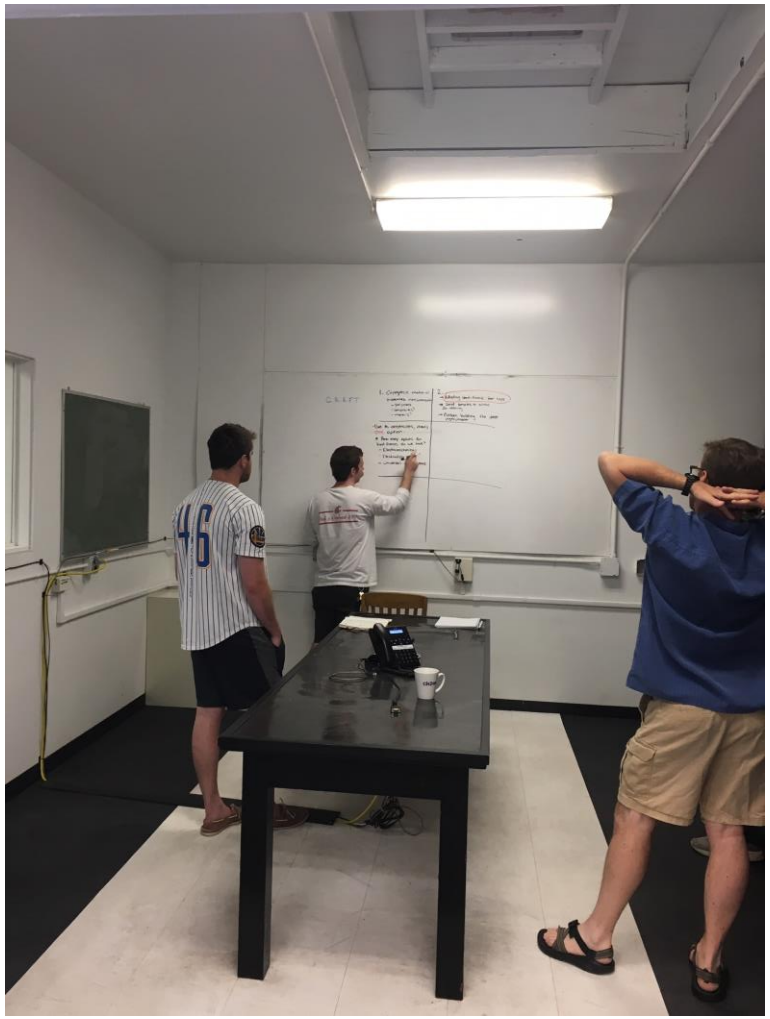
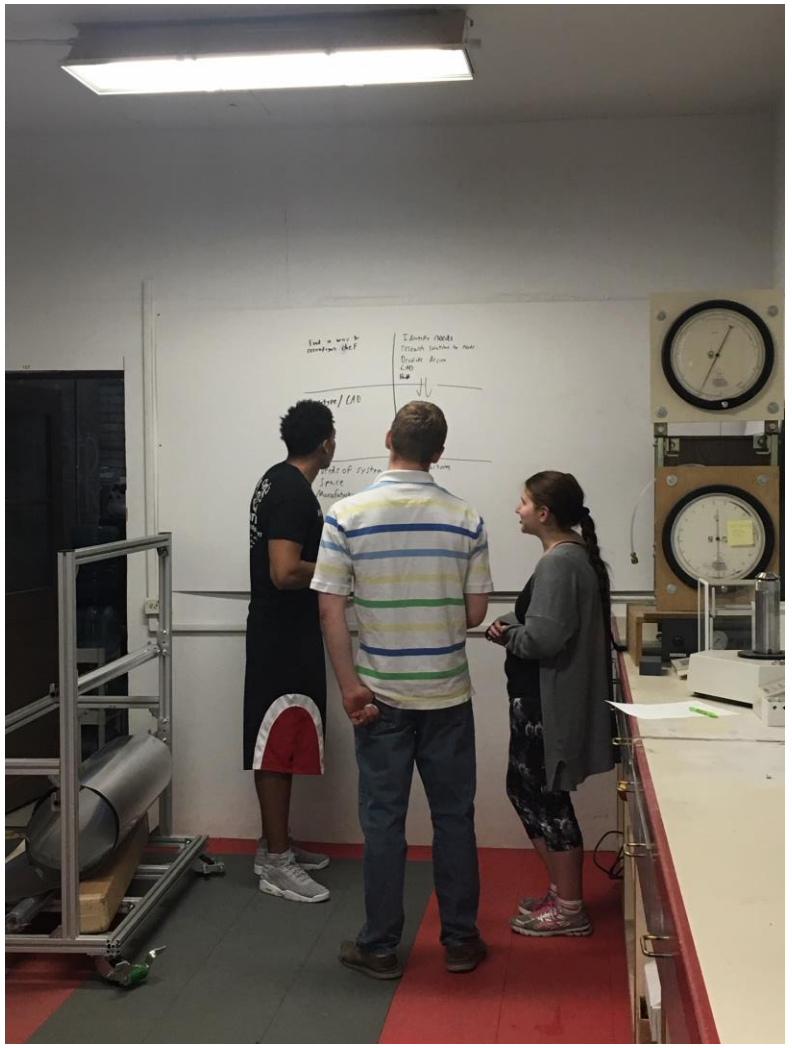
Creating Vision and Backlogs



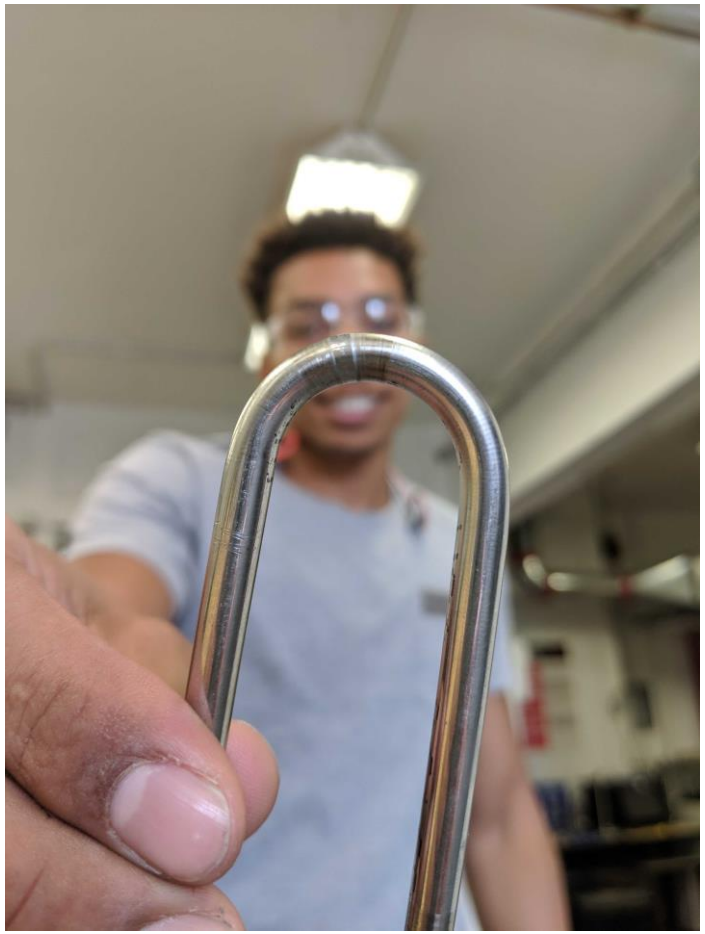


Sizing Work and Running Sprints

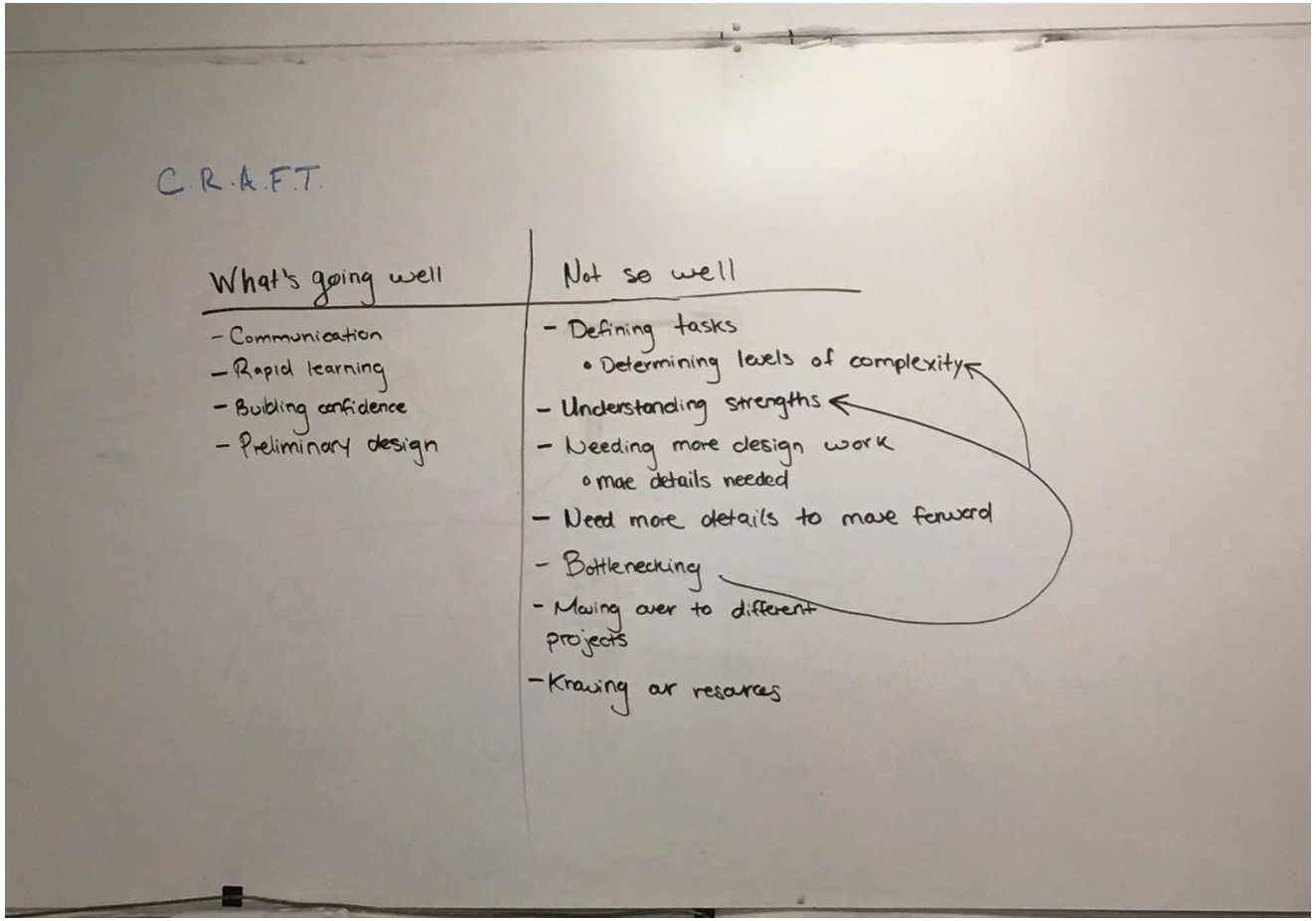




Deliver Valuable Things



Continuous Improvement



What Did the Experience Show Us

Students Learned:

- Accountability
- Collaboration
- Real-World Experience with Agile

As a Coach I Learned:

- Agile works well outside IT
- University students took to the concepts readily

Success:

- Finished several small lab projects (desk, tables, lab cart)
- Made significant progress on several larger projects
- Improved student experience

What next:

- Expand the agile concepts to more of the lab.
- Build the agile concepts and teachings into the design curriculum

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Thank you!

@Beth_AgileBrain