

EE/CprE/SE 492 BIWEEKLY REPORT #4

02/24/2018 – 03/09/2018

Group: *sdmay18-32*

Project title: *Machine Learning / AI / Big Data Analytics*

Client &/Advisor: *Danfoss*

Team Members

- Smriti Manral — Lead Test Engineer / Test Designer
 - Derek Bruun — Embedded Systems Lead / Hardware Integrations
 - Victoria Rasavanh — Communications Lead / Webmaster
 - Brian Lindsay — Software Integrations Lead / Dev Tools Manager
 - Jess Walters — Lead Architect / Tech Lead
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Summary

More data in relation to the production line was obtained, so now we have more data beyond timestamps. This information includes unit production per lines, stations, etc., as well as other logistic data. Discussion and design around integrating the new information into the visual dashboard.

Pending Issues

Getting a little sluggish toward Spring break; we'll need to figure a way to keep momentum during/after its down.

Contributions

Name	Contribution(s) this Period	Hours this Period	Cumulative Hours
Derek Bruun	Analysis, design, and discussion around new data.	2	58.5
Brian Lindsay	Analysis, design, and discussion around new data.	2	57
Smriti Manral	Analysis, design, and discussion around new data.	2	56
Victoria Rasavanh	Analysis, design, and discussion around new data.	2	59
Jess Walters	Analysis, design, and discussion around new data.	2	77.5

Plans for Next Cycle

- Focus on the front-end of the dashboard – more data means there's more views that are needed!
- Figure out how we want to handle Ignition work
- Danfoss personnel are still working toward getting us plugged into the live production system.