Week 11 (16-Mar to 22-Mar) Sam Bagley

Goal/Task	% Done	Hours (Act.)
Order Board/Parts	50	3
Help with RISCV Configurations		4
Built arduino test for i2c	70	4
Implement additional i2c into Libero Project	100	20

Hours on task during the week (On track ≥ 13 / wk)	31
Total hours on task so far this semester (On track ≥ 132 hrs)	127

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Progress made during the week (Log)
(What I did)

- I worked on adding I2c communication into the Libero project. This took a long time to get to properly implement but I managed it.

- I was able to figure out how to probe the gpios that I routed the I2C to in order to see if the signal was working properly.

- I also added the C code drivers and and test functions into the SoftConsole project in order to control the I2C.

- Helped the boys with their rwnetlist woes. (Taught them the true order of disabling Windows protections)

- Ordered the board with Zac and Helped him fix the silkscreen logo

Difficulties encountered during the week
(What I did not do and why)

- I Got Pneumonia.
- I Got Pneumonia.
- Having Pneumonia made it impossible to work on anything for most of the week.
- Because of my Pneumonia, I wasn't able to help out much.

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Goals for this coming week
(Ones that move the project forward the most)

Goal/Task	Stop Date (Est.)	Hours (Est.)
Order Parts		3
Work on SoftConsole Code, add methods to test sensors and interact with our PCB systems		15
Project Documentation for parts of project I worked on such as I2C and Sensors		5

Estimated time needed to work on goals for this coming week (typ. 13 hrs)	23

How can we help you achieve your goals?

- Live, Love, Laugh

Week 11 (16-Mar to 22-Mar) Michael Ashford

Goal/Task	% Done	Hours (Act.)
Program for LCD	80%	10
Routed	100%	10
Implement extra external device communication	100%	3
Research benchmarking	20%	3

Hours on task during the week (On track ≥ 13 / wk)	26
Total hours on task so far this semester (On track ≥ 132 hrs)	105

Progress made during the week (Log)
(What I did)

- Base UI was made to help test individual parts of the system
- SPI now works and a test program has been written for it
- PCB has been ordered, along with stencil and 2-day shipping ($703). Should get here between Friday and Monday.
- James and I started implementing LVDS UART

Difficulties encountered during the week
(What I did not do and why)

- COVID-19

Goals for this coming week
(Ones that move the project forward the most)

Goal/Task	Stop Date (Est.)	Hours (Est.)
Help with LVDS UART	3/24/20	5
Create new RISC-V configuration	3/29/20	8
Add more GPIOs and test the ability to make them Input/Output using code	3/29	4

Estimated time needed to work on goals for this coming week (typ. 13 hrs)	21

How can we help you achieve your goals?

- Conference calls to work on everything

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Week 11 (16-Mar to 22-Mar) Zac Carico

Goal/Task	% Done	Hours (Act.)
Implemented and programmed SPI interface	100%	13
Created UI to test different components	100%	13
Team Meeting	100%	1
Ordered PCB	100%	2

Hours on task during the week (On track ≥ 13 / wk)	29
Total hours on task so far this semester (On track ≥ 132 hrs)	

Progress made during the week (Log)
(What I did)

Getting the LCD screen coded so that it can display a message using SPI

Lots of routing (and rerouting)

Difficulties encountered during the week
(What I did not do and why)

- Packed and moved to Texas over a span of 5 days

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Goals for this coming week
(Ones that move the project forward the most)

Goal/Task	Stop Date (Est.)	Hours (Est.)
Program LCD screen	3/30	6
Create a new RISC-V configuration	3/30	5
Work on project documentation	4/6	5
Use dhrystone to benchmark our processors	4/6	5

Estimated time needed to work on goals for this coming week (typ. 13 hrs)	21

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How can we help you achieve your goals?

- Conference calls to work on everything

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Week 10 (9-Mar to 15-Mar) Max Bakes

Goal/Task	% Done	Hours (Act.)
Routed	100%	15
Program ADC	10%	5
Worked on Final paper	20%	10

Hours on task during the week (On track ≥ 13 / wk)	15/15
Total hours on task so far this semester (On track ≥ 119 hrs)	127

Progress made during the week (Log)
(What I did)

Began the literary wonder that is the Final project paper.

Difficulties encountered during the week
(What I did not do and why)

- Writers block.

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Goals for this coming week
(Ones that move the project forward the most)

Goal/Task	Stop Date (Est.)	Hours (Est.)
Final Paper	3/30	12
Code for ADC	3/30	15

Estimated time needed to work on goals for this coming week (typ. 13 hrs)	27

How can we help you achieve your goals?

- Review code when completed

Week 11 (16-Mar to 22-Mar) James Thomas

Goal/Task	% Done	Hours (Act.)
Layout	100	19
PCB fabrication research/quotes	100	3
Team meeting	100	1

Hours on task during the week (On track ≥ 13 / wk)	23
Total hours on task so far this semester (On track ≥ 132 hrs)	117

Progress made during the week (Log)
(What I did)

- Finalized the schematic so it could be ordered
- Did research on PCB manufacturing companies for some rough pricing
- Met with team to figure out what we need to do still

Difficulties encountered during the week
(What I did not do and why)

- Time

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Goals for this coming week
(Ones that move the project forward the most)

Goal/Task	Stop Date (Est.)	Hours (Est.)
UART	3/24	10
Start papers	3/30	10

Estimated time needed to work on goals for this coming week (typ. 13 hrs)	20

How can we help you achieve your goals?

- Help

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