

sddec22-04: Exam Collector

Week 6 Report

March 07 - March 13

Team Members

Camdyn Zook — *Software Architect and Team Lead*

Dylan Kohlbeck — *Client Interaction and Hardware Design*

Nicholas Fahey — *Software Team Lead*

Connor Kazin — *Hardware Testing and Hardware Component Design*

Max Hjelmstad — *Software Testing*

Brandon Degeneffe — *Hardware Team Lead*

Summary of Progress this Report

The construction of the Collection Unit's body has started. Created a parts list for the overall project. Started development on the Linux VM and Raspberry Pi. Currently working on the Dashboard for the Web application

Pending Issues

Progress has been slow these past weeks getting ready for the career fair. We are also waiting on parts for the parts list that we just made. Waiting on advisor approval.

Plans for Upcoming Reporting Period

Work meeting Monday 4-6 pm where group work will be done on the circuits. Make a parts purchase. Pair programming with Camdyn and Max to teach Max about Linux VM's and Flask backend.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Camdyn Zook	Building the Dashboard for the Web App in Svelte.js	4	8
Dylan Kohlbeck	Researched component compatibility and tested heating unit functionality.	2	4
Nicholas Fahey	Began work on modifying the collection unit by performing training to use the Boyd lab	2	4
Connor Kazin	Parts list created for temperature sensor circuit and design is finalized. More to be done next week when parts arrive.	3	5
Max Hjelmstad	Learning python and the Raspberry Pi api	2	4

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Brandon Degeneffe	Power supply planning and research	2	4
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