

CPRE 491 WEEKLY REPORT 05

Project Molecule

04 – 10 October 2016

May1739

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Ryan Wade – Team Leader

Nathan Volkert – Communications Lead

Daniel Griffen – Key Concept Holder

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2 WEEKLY SUMMARY

This week was focused on Research and Project Planning. Ryan started work on the project timeline and requirements. Alex created the group website. Nathan and Daniel prepared presentations in Fault Tolerance and the Rust Programming language respectively. On Tuesday we will meet to present and discuss our work to the group. We will delegate tasks for the Project Planning document. Going forward, we will be posting our weekly reports and extended documentation on the website.

3 PAST WEEK ACCOMPLISHMENTS

All Members:

- Advisor Meeting

Ryan Wade:

- Created High Level Project Timeline
- Brainstormed Project Requirements

Nathan Volkert:

- Researched and prepared Fault Tolerance crash course
- Continued Equipment Order Process

Daniel Griffen

- Researched and prepared Rust crash course

Alex Berns

- Took Meeting Minutes
- Created Initial Website and uploaded documents

4 INDIVIDUAL CONTRIBUTIONS

NAME	Hours this week	Hours cumulative
Ryan Wade	5	20
Nathan Volkert	5	16
Daniel Griffen	5	16
Alex Berns	5	16

5 COMMENTS AND EXTENDED DISCUSSION

Request for ordering pi's has been sent to the ETG via Professor Mina and is awaiting processing there.

Crash course presentations are available at our team's website.

Project Plan will be posted next week.

6 PLAN FOR COMING WEEK:

All Members:

- Attend Rust crash course
- Attend Fault Tolerance Crash Course
- Discuss Requirements & Project Timeline
- Divide and Conquer Project Plan v1

Nathan Volkert

- Follow up on Equipment ordering

Alex Berns

- Upload Documents to Website

7 SUMMARY OF WEEKLY ADVISOR MEETING

At our team meeting we discussed our initial project plan. Our advisor encouraged us to think about how to demo our project and incorporate that into our plan. Some ideas for a demo included a home installation with videos or a small scale model. We discussed our plan for the upcoming week and were pointed to resources on fault tolerance.