

CPRE 492 WEEKLY REPORT 21

Project Molecule

01 – 21 March 2017

May1739

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1 CONTENTS

2	Weekly Summary	2
3	Past week accomplishments.....	2
4	Individual contributions	2
5	Comments and extended discussion	3
5.1	Synchronization.....	Error! Bookmark not defined.
5.2	Particle Packaging	Error! Bookmark not defined.
5.3	UI Communication	Error! Bookmark not defined.
6	Plan for coming week.....	3
7	Summary of weekly advisor meeting.....	3

2 WEEKLY SUMMARY

Presentation week and then Spring Break. Not much to report on. Major changes include reprioritizing the UI Server and Form builder due to time crunch.

This report is the sum of previous weeks of work since each week had more administration based work.

3 PAST WEEK ACCOMPLISHMENTS

All Members:

- Worked on Presentation

Ryan Wade:

- Implement Redis backend for state and making it async

Nathan Volkert:

- Permission Layer Demo and Diagrams

Daniel Griffen:

- Integrated response type into network stack

Alex Berns:

- Work on Form Builder was cut
- Moved to admin work and help with testing

4 INDIVIDUAL CONTRIBUTIONS

NAME	Semester Total	Cumulative
Ryan Wade		
Nathan Volkert	114	216
Daniel Griffen	113	247
Alex Berns	120	219

5 COMMENTS AND EXTENDED DISCUSSION

Reprioritizing the UI Server and Form Builder was done because we had feature creep. The UI Server relied on the base system being completed, which was taking longer than expected. Due to the inability to properly test the form builder, or even the UI server itself, it was lowered in priority.

Alex was moved to working on updating critical project documents and prepare the group final demo and presentation. He will also function as a tester for the particles as they are created.

Ryan was removed from the UI Server and will now solely focus on the core part of the project.

6 PLAN FOR COMING WEEK

Alex + Nate Continue work on documentation and getting project demo materials lined up

Nate: Start editing permissions to use new State

Ryan: Work on bootstrapping the atomic layer

Dan: Documentation and Backup for Ryan and Nate

7 SUMMARY OF WEEKLY ADVISOR MEETING

Notes taken from advisor meeting from 2017-03-07. The week before the presentation.

7.1 LAST WEEKS ACCOMPLISHMENTS

Nat: Tested and documented permissions. Wrote notes on road plan and final demo

Alex: Dropped form builder and moving to working on simple UI examples for later and getting demo working. Will also help with testing

Dan: Will work on routing now. Integration of Ryan code into networking layer.

Ryan: continued work on state and atomic layer integration. Feature Creep was discovered. I.E. no container for state (database).

7.2 NOTES

Uneven work load is attempted to be fixed. Cutting Form Builder and reprioritize UI server. This pulls work load off Ryan.

April 11 will have no advisor meeting.

State has become a big issue. The initial API was too bloated and that caused issues. Breaking it up and using JSON will allow lower levels to work for now.