

Weekly Team Task Report

12, Wk 12

Team: Astraea				Date: 4.10.20
Project Title: Telescope Mirror Communication and Control System				
Michael	Peter	Adam	Trey	Brandon
Present	Present	Present	Present	Present
On-time	On-time	On-time	On-time	On-time

Recent Meetings:

Client Meeting 4.10.20

TASKS COMPLETED since last meeting:

Task Title: Order Pi Parts & Laptop	Task Initiation: 3.27.20	Orig. Due Date: 3.30.20	Status: 100%
Who (%): Adam (100%)			
Description: Contact Henrique to order new Pi, laptop, sd card, and Pi case			
Outcome: Parts are ordered			

Task Title: Make changes to UGRADS abstract	Task Initiation: 3.23.20	Orig. Due Date: 4.6.20	Status: N/A%
Who (%):			
Description: No one had any comments on this, so I (Adam) left it as it is...			
Outcome: Abstract was not edited			

Task Title: Capstone Presentation Dry Run: Intro	Task Initiation: 3.29.20	Orig. Due Date: 4.10.20	Status: 50%
Who (%): Adam (100%)			
Description: Write script, make slides, and record Intro for Capstone Presentation Dry Run			
Outcome: Video of good quality that does a good job of telling our story.			

Task Title: Capstone Presentation Dry Run: Solution	Task Initiation: 3.29.20	Orig. 4.10.20	Due Date:	Status: 100%
Who (%): Mike				
Description: Outline our solution and compare to existing setup				
Outcome: Video section recorded.				

Task Title: Capstone Presentation Dry Run: Problem Overview	Task Initiation: 3.29.20	Orig. 4.10.20	Due Date:	Status: 100%
Who (%): Peter				
Description: Outline the current solution without bashing the previous hardware or mention satellite.				
Outcome: Video section recorded.				

Task Title: Capstone Presentation Dry Run: Schedule and Testing	Task Initiation: 3.29.20	Orig. 4.10.20	Due Date:	Status: 100%
Who (%): Mike				
Description: Overview of schedule. Detailed list of planned tests.				
Outcome: Video section recorded.				

Task Title: Capstone Presentation Dry Run: Challenges and Resolutions	Task Initiation: 3.29.20	Orig. 4.10.20	Due Date:	Status: 100%
Who (%): Mike				
Description: Tell the riveting story of our journey and all its trials and tribulations.				
Outcome: Video section recorded.				

Task Title: Capstone Presentation Dry Run: Future Work & Conclusion	Task Initiation: 3.29.20	Orig. 4.10.20	Due Date:	Status: 50%
Who (%): Adam (100%)				
Description: Write script, edit powerpoint slides, record video of this section				
Outcome: Video of decent quality.				

Task Title: Capstone Presentation Dry Run: Compile all video together	Task Initiation: 3.29.20	Orig. 4.10.20	Due Date:	Status: 100%
Who (%): Adam (100%)				
Description: Complete video presentation by splicing all videos together, editing audio levels, screen resolutions, and put together final version of dry run				
Outcome: Video of decent quality is put together.				

Task Title: Software Testing Doc	Task Initiation: 3.29.20	Orig. 4.1.20	Due Date:	Status: (99, 100)%
Who (%): All				
Description: The software document is completed.				
Outcome: A super great document about testing.				

This week's Tasks: Work plan for coming week:

Task Title: Communicate with client our plan of action for the remainder of the term.	Task Initiation: 4.2.20	Orig. 4.10.20	Due Date:	Status: 10%
Who (%): Adam (100%)				
Description: Discuss plan of action with client so we are all on the same page.				
Outcome: Discussed how to balance our efforts given the on-site restrictions and multiple upcoming deadlines (busy work intended for web app teams).				

Task Title: Client: Submit preliminary poster for review	Task Initiation: 4.10.20	Orig. 4.15.20	Due Date:	Status: 0%%
Who (%): ALL				
Description: Client would like to look at the poster that we have worked on to give feedback				
Outcome: Poster is sent to client				

Task Title: Client: Submit Preliminary As-Is	Task Initiation: 4.10.20	Orig. 4.22.20	Due Date:	Status: 0%%
Who (%): ALL				
Description: Client needs As-Is report early to present to NRL in order to get funding for hiring us over the summer				
Outcome: Preliminary As-Is is sent to client				

Task Title: Client: Submit Moving Forward and Testing Plan	Task Initiation: 4.10.20	Orig. 4.22.20	Due Date:	Status: 0%%
Who (%): ALL				
Description: To acquire funding from NRL -> Send client doc with testing plan + plan moving forward (things to implement, improvements to make, what we would do if we were to continue on this project)				
Outcome: Best case scenario -> Moving Forward doc is sent to Client. Funding is secured. We have jobs, yay!				

Task Title: Utilize Thread Pool	Task Initiation: 3.6.20	Orig. 4.20.20	Due Date:	Status: 90%
Who (%): Brandon (100%)				
Description: The thread pool code compiles, must create a workflow and main method for using thread pool on NeuronCon				
Outcome: A main.cpp file designed using the thread pool.				

Upcoming Tasks:

Task Title: Create and document useful aliases for BrainCon	Task Initiation: 3.13.20	Orig. Due Date: 5.8.20	Status: 0%
Who (%): Mike (100%)			
Description: Create useful system admin aliases for BrainCon to facilitate easy system maintenance.			
Outcome: Aliases created and documented.			
Task Title: User Manual	Task Initiation: 3.23.20	Orig. Due Date: 4.24.20	Status: 0%
Who (%): Peter (50%), Rest TBD			
Description: Create the user manual for the system to give to JC so they can replicate/use the system			
Outcome: A manual for the system			
Task Title: BrainCon Code Documentation	Task Initiation: 3.23.20	Orig. Due Date: 4.24.20	Status: 2%
Who (%): Trey (70%) Peter (20%) Adam (10%)			
Description: Document the code to limit future questions about source code and to allow future developers to read and understand our code.			
Outcome: Well-documented code.			
Task Title: NeuronCon Code Documentation	Task Initiation: 3.23.20	Orig. Due Date: 4.24.20	Status: 2%
Who (%): Adam (34%) Mike (33%) Brandon (33%)			
Description: Document the code to limit future questions about source code and to allow future developers to read and understand our code.			
Outcome: Well-documented code.			
Task Title: Circuit Diagrams	Task Initiation: 3.27.20	Orig. Due Date: 4.24.20	Status: 1%
Who (%): Adam (70%) Peter (30%)			
Description: Create circuit diagrams for all of the circuits made for the project to allow future EE's to improve and understand the electronics.			
Outcome: Circuit diagrams			

Task Title: Finilaze Team Website	Task Initiation: 4.8.20	Orig. Due Date: 5.8.20	Status: 90%
Who (%): Adam (100%)			
Description: Ensure website defeats that of all other teams both now and who have come before.			
Outcome: Other teams defeated and in disbelief ("woah did it just resize?!?!").			
Task Title: Capstone Poster	Task Initiation: 4.8.20	Orig. Due Date: 5.8.20	Status: 0%
Who (%): ALL			
Description: Create poster for our project and submit with 20 min video.			
Outcome: Poster created and video recorded; assignment submitted (emphasis on first three letters).			
Task Title: Final Product Acceptance Demo	Task Initiation: 4.8.20	Orig. Due Date: 5.8.20	Status: 0%
Who (%): ALL			
Description: Final demonstration of solution. Discuss options with mentor due to site closure (do in summer).			
Outcome: Team and mentor have come to a reasonable agreement and set time to demo in summer.			
Task Title: Final Ass Built Report	Task Initiation: 4.8.20	Orig. Due Date: 5.8.20	Status: 0%
Who (%): ALL			
Description: Write yet another report filled with the abbreviation of bachelor of science.			
Outcome: Team and mentor have come to a reasonable agreement and set due dates for the summer (donuts upon request).			
Task Title: Final Delivery	Task Initiation: 4.8.20	Orig. Due Date: 5.8.20	Status: 0%
Who (%): ALL			
Description: Just when you thought there could be no more, another assignment surfaces and restores anger to the population.			
Outcome: Team and mentor have come to a reasonable agreement and set due dates for the summer (VEGAN donuts upon request).			