Senior Design

Spring Week 13 Report

Interactive Embedded Systems Learning using the Prairie Learn framework

4/11 – 4/18
Faculty Advisor: Phillip Jones

Team Members:
- Ben Stroup
- Caden Last
- Jack Kennedy - Git Team Lead
- Emmanuel Paz - Server Lead
- Ryan Dela Merced - Project Manager
- Cody Prochaska - Technical Team Lead
- Ryan Bumann

Summary of Progress this Week:
- Continued to work on all aspects of our project

Questions:

Team Member	Contributions	Hours	Total Hrs
Ben Stroup	Updated and made new videos that are pushed to youtube. Attempted research on assembly QEMU emulation within the questions of PL	6	95
Caden Last	Add revisions to first video. Made second video	4	94
Jack Kennedy	Server clips	4	79
Emmanuel Paz	Made 2 new videos on how to create local development and how to make PL allow only school email.	4	86
Ryan Dela Merced	Continued helping Ryan B with dataflow problems. Started presentation for final presentation assignment (schedule below)	4	82
Cody Prochaska	Remade custom docker image video, looked into dumping assembly registers and memory with gdb, looks very complicated.	5	93
Ryan Bumann	Updated docs/presentations for external grading, autograding options, and drawing. Worked more on flow problem.	8	112

Plan for Next Week:

- Continue working on all aspects of our project, focusing on documentation
- Finish server clips based on feedback
- Start preparing for the Final presentation & live demo.

Schedule for Presentation: Venue: 3043 ECpE, Coover Hall				
	5/1/2023	5/2/2023	5/3/2023	5/4/2023
8:30-8:55 am	Sdmay23-01	Sdmay23-14	Sdmay23-27	Sdmay23-40
8:55-9:20 am	Sdmay23-02	Sdmay23-15	Sdmay23-28	Sdmay23-41
9:20-9:45 am	Sdmay23-03	Sdmay23-16	Sdmay23-29	Sdmay23-42
9:45-10:10 am	Sdmay23-04	Sdmay23-17	Sdmay23-30	Sdmay23-43
10:10-10:25AM	Break			
10:25-10:50 am	Sdmay23-05	Sdmay23-18	Sdmay23-31	Sdmay23-44
10:50-11:15 am	Sdmay23-06	Sdmay23-19	Sdmay23-32	Sdmay23-45
11:15-11:40 am	Sdmay23-07	Sdmay23-20	Sdmay23-33	Sdmay23-46
11:40-12:15 pm	Break			
12:15-12:40 pm	Sdmay23-08	Sdmay23-21	Sdmay23-34	Sdmay23-47
12:40-1:05 pm	Sdmay23-09	Sdmay23-22	Sdmay23-35	Sdmay23-48
1:05-1:30 pm	Sdmay23-10	Sdmay23-23	Sdmay23-36	Sdmay23-49
1:30-1:45 pm	Break			
1:45-2:10 pm	Sdmay23-11	Sdmay23-24	Sdmay23-37	Back-up slot
2:10-2:35 pm	Sdmay23-12	Sdmay23-25	Sdmay23-38	
2:35-3:00 pm	Sdmay23-13	Sdmay23-26	Sdmay23-39	
3:00-3:25 pm	Sdmay23-50	Break		

Schedule for Demonstrations: Venue: ECpE Addition Atrium (near ETG), Coover Hall				
3:30-5:30 pm	Poster and Software/Hardware Demonstration by the above teams (Sdmay23-01 - Sdmay23-13, and Sdmay23-50)	Poster and Software/Hardware Demonstration by the above teams (Sdmay23-14 - Sdmay23-26)	Poster and Software/Hardware Demonstration by the above teams (Sdmay23-27 - Sdmay23-39)	Poster and Software/Hardware Demonstration by the above teams (Sdmay23-40 - Sdmay23-49)

Additional Information:

📄 **Complete timeline (week0-4) | PrairieLearn**

Documentation Folder:

https://drive.google.com/drive/u/3/folders/1Gzxg4K5lp1RqS3u9GGFeRAJ8C8Q-vc6x