

EE/CprE/SE 492 BI-WEEKLY REPORT 05

4/7/23 - 4/21/23

Group number: sdmay23-46

Project title: Interactive Embedded Systems Learning using the Prairie Learn Framework

Client &/Advisor: Phillip Jones

Team Members/Role:

- 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

- Weekly Summary (Short summary about what the group did for the week. This should be about a paragraph in length. These are just a few questions to help you get started. What was the overall objective for the week? In general, what tasks were completed? Were there any changes made to the project?)
 - **This week we continued to focus on the documentation of our project. This includes commenting on all of our code, creating in depth, educational videos on youtube and creating powerpoint slides that showcase the technical aspects of our project. Furthermore, we started working on the final presentation, poster board and video demo that is required for the assignment posted on canvas.**
 - Past week accomplishments (Please describe/summarize as to what was done, by whom, when and, collectively as a group. This should be about a paragraph or two in length. Bulleted points are acceptable as well. Please keep only your technical details related to your project. Figures, schematics, flow diagrams, pseudocode, and project related results are acceptable, but please ensure that they are legible (clear enough to read) and to provide an explanation. If researching a topic, please add a few details about what was learned and how it is relevant to the project. If two or more people worked on a single task, be sure to distinguish how each member contributed to the task. Specific details relating to the assistance provided to other members may be included here. Do not include classwork, such as individual reflection assignments, and group meetings as part of your duties.)

- **Caden: I had been working on creating videos to document how to create questions for Prairielearn and I got feedback from Dr. Jones on the videos and went back and added more detail to them.**
- **Ben: Worked on the 4 week plan documentation to allow the next people working on the project to be able to start where we left off. Cleaned up the git board and added all the remaining documentation items we needed to do. Updated videos and created new ones to continue the documentation cycle.**
- **Manny: Finished up server documentation videos. Worked on the 4 week plan for the next team.**
- **Ryan D: Continued to work on data flow problems, assisting Ryan B in developing. Finished commenting on all code, started to work on the final project presentation.**
- **Cody: Finished the custom docker image documentation video, did more research and development into assembly emulation and dumping registers with QEMU**
- **Jack: Organized and revamped old server videos based on feedback from client**
- **Ryan B: Worked on organizing issues. Continued working on flow problem UI. Updated docs/presentations for external grading, autograding options, and drawing. Worked more on flow problem**
- Individual contributions (Creating this section is optional, but it is Required to include the “Hours Worked for the Week” and their “Total Cumulative Hours” for the project for each member somewhere relevant in your report. Your individual weekly hours should be at a minimum of 6-8 hours for this course. So please manage your time well. Also, ensure that individual contributions support your claim to the weekly hours. Be honest with the reports.)

Name	Individual Contributions	Hours last 2 weeks	Hours Cumulative
Caden	Create slides for my documentation videos. Recorded and edited videos. Received feedback and recreated videos	8	94
Ryan D	Helped continue developing data flow problems with Ryan	8	85

	B, Finished commenting on all code, started presentation.		
Ryan B	Worked on organizing issues. Continued working on flow problem UI. Updated docs/presentations for external grading, autograding options, and drawing. Worked more on flow problem	14	112
Cody	Finished the custom docker image documentation video, did more research and development into assembly emulation and dumping registers with QEMU	9	95
Jack	Organized and revamped old server videos based on feedback from client	10	89
Manny	Server documentation videos and working on the 4 week plan.	8	86
Ben	Worked on the 4 week plan documentation to allow the next people working on the project to be able to start where we left	10	95

	<p>off. Cleaned up the git board and added all the remaining documentation items we needed to do. Updated videos and created new ones to continue the documentation cycle.</p>		
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- Comments

- Plans for upcoming weeks
 - **Caden: Put finishing touches on videos and work on final project.**
 - **Ben: Finish Documentation, help create final presentation and poster board.**
 - **Manny: Overview server documentation and maybe refactor some naming with Jack. Work on the final presentation.**
 - **Ryan D: Work on the final presentation, poster board and finish documentation.**
 - **Cody: Work on final presentation, append my docker image video with assembly emulation.**
 - **Jack: final presentation, documentation**
 - **Ryan B: Making videos for external grading, autograding options, and drawing. Finish flow problem. Work on final presentation.**

Summary of weekly advisor meeting (If applicable/optional)