EE/CprE/SE 492 WEEKLY REPORT 03
3/5/23 - 3/24/23
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 are putting more focus on our documentation as we received a lot of feedback on all of our current documentation and will have to do a bit of refactoring. We also received a mini lecture about more of the class content so that we can further our understanding of the homeworks and create valid solutions as we create more homeworks**

    - 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**: Made a local server to try to send code to microcontroller from the server to see if the code runs. Made and recorded presentation. Started going through old questions to fix them up.

    - **Ben**: Continued working on documentation and received feedback on documentation and how to improve it.
    - **Manny**: Worked on documentation for the server and finalized it.
    - **Ryan D**: Continued to work on dynamic datasheet questions (hw10) and helped to create and present slides for 492 class assignment.
    - **Cody**: Edited together 492 presentation, continued working on the assembly autograding issues with file permissions on the server to finish up those homeworks.
    - **Jack:** Worked on presentation and recording, reviewed documentation, emulation
    - **Ryan B**: Searched for emulator/simulation options. Worked on a more difficult autograding problem. Worked on C autograding methods doc and contributed to class presentation.

- 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	Made local server to try to send code to microcontroller from the server. Made and recorded presentation. Started going through old questions to fix them up.	9	75
Ryan D	Helped to create the presentation and recording for class assignment. Continued to work on advanced datasheet questions	5	67

	for HW10.		
Ryan B	Searched for emulator/simulation options. Worked on a more difficult autograding problem. Worked on C autograding methods doc and contributed to class presentation.	12	87
Cody	Edited together 492 presentation, continued working on the assembly autograding issues with file permissions on the server to finish up those homeworks.	10	72
Jack	Worked on presentation and recording, reviewed documentation, emuluation	8	64
Manny	worked on server documentation and presentation.	3	72
Ben	Worked on more documentation, worked on the presentation and slides for the class	7	77

- Comments

- Plans for upcoming weeks
    - Caden: Go back through the documentation and fix it up the way that Dr. Jones said
    - Ben: Work on refactoring all the documentation and start revising homeworks
    - Manny: Finish up documentation and revise as needed
    - Ryan D: Create a working dynamic datasheet question, plan to demo it to the group next week.
    - Cody: Finish all the assembly homeworks and allow autograding for both types. Look into canvas integration or following canvas authentication standards.
    - Jack: run local emulators, add to documentation videos
    - Ryan B: Finish C autograding methods doc. Start making presentations and videos based on past documents. Look at making a very interactive program leveraging JavaScript to cover the GPIO and peripherals.

- Summary of weekly advisor meeting (If applicable/optional)
    - Dr. Jones walked us through one of his powerpoints for the class so that we can better understand what we are working with.