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EE/CprE/SE 491 Weekly Report #1

Beginning of Semester – 9/19/2024

Group sdmay25-23

Project title: Code Critiquer System for the C Language and Embedded C

Client &/Advisor: Dr. Diane Rover

Team Members/Role:

James Joseph - Secure System Design

Samuel Lickteig - Backend System Design

Alix Noble - Testing

Andrew Sand - Team Organization

Owen Sauser - Client Interaction, Frontend System Design

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- **Weekly Summary**

During this period, the team spent the majority of it getting what was available setup and ready. The team met up for the first time and conducted the first meeting. Furthermore, the team reached out to its project advisor to make first contact and set up a recurring meeting time, which is yet to be determined. Since the group is still awaiting a response from the advisor (They have responded to the contact emails but have yet to provide a meeting time, given they are currently busy with ABET-related work), progress is slow. Work is presently bottlenecked by waiting for the first advisor meeting.

- **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.)
  - James Joseph:
    - Organizing with the group to set-up project questions and meeting requirements
  - Samuel Lickteig:

- Provided feedback on email draft and helped create project questions
    - Minor research into common anti-patterns in C code to get a basic understanding before seeing current state of project
      - It is what our critiquer system will detect, so an essential concept in the project
      - Found there is a wide variety of anti-patterns with many examples; from code concepts to specific lines that should be avoided(in most cases)
  - Alix Noble:
    - Communicated with Dr. Rover to work towards setting up a meeting time
  - Andrew Sand:
    - Created the advisor first contact email draft, which was then sent after feedback from the rest of the group
    - Formed the group's shared Google Drive and its initial organization
    - Created several templates for files, such as the weekly reports and meeting summary documents that will be reused throughout the project
  - Owen Sauser:
    - Sent follow-up correspondence with Dr. Rover about meeting time and shared our time availability with her
- **Pending Issues** (If applicable: Were there any unexpected complications? Please elaborate.)
  - Whole Team:
    - The team is still waiting to hear back from the project advisor about establishing a first meeting.
    - Because the team has yet to meet with its advisor, there is a lack of knowledge about project expectations and objectives, making it difficult to plan and determine a course of action.
- **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.)

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this</u>	<u>Hours</u>
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		<b><u>Week</u></b>	<b><u>Cumulative</u></b>
James Joseph	Helping with preliminary documents and questions on previous application design	4	4
Samuel Lickteig	Email draft feedback, some minor research into anti-patterns	3	3
Alix Noble	Emailed with advisor.	2	2
Andrew Sand	Preliminary group documentation initialization	4	4
Owen Sauser	Advisor correspondence	2	2

- **Comments and Extended Discussion** (Optional)

Again, since the team has yet to meet with its advisor, the definition, objective, and expectations are rather vague. This uncertainty will be cleared up once a first meeting is established and the team gets to discuss the project with their advisor.

- **Plans for the Upcoming Week**

- Whole team:

- Continue gathering information and researching Static Code Analysis, especially relating to the C programming language
- Continue waiting for an advisor response regarding a first meeting

- **Summary of Weekly Advisor Meeting** (If applicable/optional)

We did not have a meeting with our advisor during this period but are working towards setting up a regular meeting time with them.