COMP 4985 Review “Exam”

April 6th, 2023

Name: Vasily Shorin

Please type your answer below each question.

1. **Tell me about a technical challenge you faced in a project for this course. How did you overcome it, and what skills or resources did you use to do so?**

The biggest technical challenge in this course was learning about threads, processes and ncurses, and other more in depth.

1. **Share with me a time when you made a mistake in an assignment or project for this option. How did you handle it, and what did you learn from the experience?**

I think the most frustrating mistake that I made was spending two weeks working on the chat gui making it “work” only to realize that my design did not support multithreading which led me to throw away 70% of the work. I think one of the biggest things I learned from this was that thinking and designing the project goes long way.

1. **How did you work with other students in the team project for COMP 4985? What was your role, and how did you contribute to the success of the project? Were there any challenges, and if so, how did you overcome them?**

During this project we tried using the management tools like Trello, github, discord to keep track of progress. I somewhat took role a project coordinator and owner and was managing the direction where the development goes, sprints tasks, deadlines, etc.. Main contribution was implementation and combination of the gui with the client code. The biggest challenge was communication and coordination with the teammates.

1. **What was the most fascinating concept or topic you learned in this option, and how has it influenced your work or perspective on the subject?**

I still think this entire option is fascinating all around. Nothing made me bored or lose interest in it. All topics are connected to one another, assignments align well with the course structure. The concept of design has definitely had the biggest impact on me. Before the option we spent none to zero time designing and more coding. During this option the need for documentation and planning changed my view on things like that.

1. **What accomplishment in this option are you proudest of, and how did it benefit you or others? Can you share any details about how you achieved this success, and what you learned from the experience?**

Understanding so many low-level concepts that I could never imagine, being more comfortable with C that with another language, enjoying the wonderful world of posix and its uncertainties. To be honest, the biggest success was trying to get 100% and understand every concept to be a better developer was my biggest motivation.

1. **Which concept covered in the option had the biggest impact on you, and why?**

All of them are valuable. However, I think that learning the tcp spending sleepless week working on it thinking its so hard just to realize a few weeks later that its pretty simple was the biggest one. It is simple after all, right?

1. **What grade do you believe you should receive in COMP 4985, and why? Please be specific about your reasoning and what criteria you are using to evaluate your performance.**

It is hard to say what grade you will give to the project. However, I would say that my expectation are around 80%. The amount of work that I put during the sprints, engagement in class, documentation and coordination with others.

For each criterion, trate their peers on a scale of 1 to 5, with 1 being the lowest score and 5 being the highest score. You should base your ratings on observable and measurable behaviors rather than personal feelings or biases.

Put the name of your other team members under Person 1 and Person 2.

|  |  |  |
| --- | --- | --- |
|  | **Person 1** | **Person 2** |
| **Colin Lam** | **Kai Oh** |
| **Critera** | **Rating** | **Rating** |
| Contributions to the project (quantity and quality) | 2 | 5 |
| Ability to work in a team (communication, collaboration, leadership) | 2 | 5 |
| Responsiveness to team communication (timeliness and thoroughness) | 2 | 5 |
| Attendance at team meetings and availability | 2 | 5 |
| Ability to meet project deadlines | 2 | 5 |
| Professionalism and ethics (honesty, integrity, and respect for others) | 2.5 | 5 |

Comments for Person 1

Colin has not put a lot of work. During the entire project he needed to be told what to do, rarely engaged himself with the rest of the team, rarely showed initiative to start doing things first. Was 1.5h late to the first milestone show, never showed up to the second one. When he was asked to get something done, he would quite often take his time before doing things.

He did honestly admit that had not done much, though.

Comments for Person 2

Kai was good to work with. Did a lot for the project, did not need to be told what to do, was setting, changing, and completing tasks by himself. Showed up for meetings, kept in touch regarding his achievements.

What did you work on for the project?

Full GUI client and logic. Implement a majority of the of the GUI and client functions together. Design, testing, user guide documentation.