Dear Professor Taele and Bethany/Vivian,

Project Summary
Our project created an easy and intuitive way for cashiers and managers to do their jobs. It allows cashiers to easily create orders and customize the drinks in the orders. It allows managers to view various analytics, view, and edit the inventory, edit the menu, and edit the employees. This is very necessary because cashiers and managers have to do a lot in their daily roles, and there needs to be an easy intuitive way to do all of these things. Our project solved this problem by giving an easy way to do all of this in one place.

Project Roles
- Kiana: Frontend
- Emma: Full stack
- Anna: Backend
- Julian: Backend
- Caiti: Manager, Full stack

Contributions
Overall, although we specialized in our given roles, we all helped out with every element. We are passionate about software development, and really wanted to gain a full understanding of all sides of the project. We all:
- helped to create the database
- worked on parts of the GUI
- took on leadership roles at different times

Name	Rating
Caiti	Equal
Emma	Equal
Anna	Equal
Kiana	Equal
Julian	Equal

Status Update - Tasks Completed
- created ER diagram and initial project planning stages
- Created 3 of the queries during that phase of the project
- Created GUI pages
  - product usage chart page
  - Home
  - Manager menu
  - order menu

- ○ order options
- worked with the team (20%, evenly split among the 5 of us) on the POS java class for the application

Challenges and roadblocks:
- figuring out how to query the database for specific tasks, especially joining two tables
- understanding all the different tables we needed to make and how they are interconnected

The main road blocks in this project came from me having no prior experience with postgreSQL. There were a lot of things that I just didn't know how to do, and there was a lot of time spent figuring them out. We also had a hard time at the start thinking through how all the tables needed to be connected. While our other road blocks have definitely been overcome, this is one that I believe we still need to work on. Our database tables are definitely not as minimal as they could be, and I believe that we should optimize them

Personal Retrospective
I experienced the most personal growth in my SQL abilities. As I mentioned, I had no experience with it before, but now I feel very confident with it and have started implementing it into my personal projects. Through working with this team I learned a new way to collaborate. In my previous team experiences, we had been very thorough about assigning tasks and dividing things up evenly before getting started. However, in this team, I needed to take a lot more initiative because people just jumped on the tasks that interested them, and if I didn't take an initiative, my teammates would get the project done and I wouldn't have contributed. This team was definitely a very successful experience for me. I had a lot of fun and learned how to collaborate in a different style.

Peer Evaluation Retrospective
I can't really speak to how the peer reviews affected my team, because they have been incredible teammates throughout the process. They have honestly never been an issue at all. I think that the peer reviews affected me because I knew that I was constantly being evaluated on how good of a teammate I was. It motivated me to:
- show up to everything on time
- take initiative to get things done
- communicate frequently

However, I generally try to be a good teammate and I believe I would've done these things anyway.

Sincerely,
Caitlin McInerny