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<u>Reflection Paper</u>

   Taking the course CPE 232 made me experience a wonderful, knowledgeable, and enlightening journey. This course gave me knowledge when it comes to managing enterprise servers, building on our learnings for read-world problems and scenarios. We studied the important skills to be able to manage and set up servers, which is also related to other topics that was also discussed after. I have learned how important teamwork is as well as automation in software development. These aspects were not only developed in practical activities, but also theoretical ones.

   In our midterm period, system monitoring was discussed. By learning to maintain and set up services for performance, log management, and availability, it helped me gain knowledge on how important these activities are for making sure systems will stay efficient. The final period in this course taught us about the concepts through containerization and Docker. We studied how cloud platforms give reliable and scalable solutions and how containerized environments simplify application deployment. My hands-on experience with Docker demonstrated the future of software management and development. The tools we used in this course are Ansible, Docker, and Git, which are important for us for building up our technical skills and learnings. Ansible automated configuration tasks, Docker made portable and isolated environments that operate across different platforms. Lastly, Git allowed us to manage changes effectively.

   CPE 232 was a challenging and fun experience at the same time. It gave us inspiration to be flexible and proactive to be able to lead us to success in this field. I personally think that I will be able to use this knowledge for my career in the future.