

(USING GRACE PERIOD HOURS FOR THIS ASSIGNMENT - 46 HOURS)

Course: CMPSC 431

Team Members: Shubh Patel and Yash Raj

GitHub Link Repo: https://github.com/Shu8hP23/431_DBMS

This report provides an overview of the team's performances throughout this project and the contributions made by each team member. The goal of this report is to evaluate ourselves based on the initial team contract that was constructed.

Collaboration:

The team members showcased commitment to effective teamwork and communication throughout the semester on this project. Each team member did their part and performed their tasks.

Behavioral Expectations:

- Time Management (Shubh Patel): Shubh managed his time efficiently since the first day. At each new stage, he was the first one to start and attended the office hours to understand the concept. Shubh finished his part before he initiated the meetings and when to work on the projects and assigned tasks accordingly. Shubh took initial steps into each stage which helped us during the submission.
- Communication: (Yash Raj): Communication was not the strong point of this group because of Yash's courses, and his involvement in extracurricular activities which made it hard to communicate efficiently. Availability made it harder for us to collaborate on a day-to-day basis.
- Punctuality (Yash Raj): With Yash's Involvement in extracurricular activities, it was hard to coordinate a time that would work out for both of us. Whenever he was free from his meetings, he would instantly join our meetings to contribute to the team and finish the work effectively in a short amount of time. He organized to meet before the submission deadline to finish this project.

Strengths:

- Communication (Shubh Patel): Shubh communicated very efficiently and kept up to date with his team members. He would update them with even little progress and try to keep everyone on the same project.

- Collaborative (Shubh Patel): Shubh collaborated every day with his team members whenever he could, there were some days he couldn't talk with them. He started early on the project to set up the development environment as well.
- Teamwork (Yash Raj): Yash performed his tasks promptly. He worked on the project, which accelerated the progress of our work, in a short amount of time, which was a big difference at the deadline.

Execution:

The project was evenly distributed amongst the team members, and everyone knew the roles that they were assigned and performed them diligently. There were some uncertainties before stage 2, of what to expect of this project and how to do the deliverables. But after attending office hours it was clear that the final goal of this project had to be.

Stage 2:

During the Stage 2 deliverable, we started the tasks early and spent a couple of days attending office hours and working on our own time, to get it submitted, with the revolving midterms that we had throughout it. With the midterms, we split the work on stage 2, Shubh started working on the queries, report, and ER diagram and Yash worked on the BCNF, and Features that we had to implement for the final project. We then collaborated on our work and finished any last-minute changes.

Stage 3:

During the Stage 3 deliverable, we started this project early and allocated our time each day to finish it. Since the database was locally hosted on one machine it made it harder to work separately, so we decided to meet in person and work together on the project. Shubh took the initial steps to set up the development environment with PHP and XAMPP as the local server and configured the database. Shubh set up the HTML pages and learned PHP. Yash was familiar with the backend, so he started working on the PHP back end. Simultaneously both group members worked on the project and finished it promptly.

Communication:

Communication was one of the hard parts of our group with timing conflicts and courses, but with the available time we had, we managed to do our work efficiently. We knew the tasks we were assigned and executed them accordingly. We discussed the progress of the project and regularly collaborated on what our plan was until the submission. If there were any problems we couldn't solve, Shubh attended the office hours and asked the TAs, who helped us clear any doubts we had.

Conclusion:

After submitting the project, we faced challenges and we overcame them as a team. The dedication to work on the project, together and by ourselves helped us execute the work efficiently. Our roles, willingness, and strengths of our knowledge allowed us to complete the project. It only increased our knowledge and learning experience in a team environment with new technologies.