

Teamwork Reflection

By: Jiaxin Gao

Individual Peer Evaluations

Team Member 1: Su Zhang

Positive Attributes:

1. During the project's initial phase, Su demonstrated strong analytical skills by identifying and evaluating multiple datasets to determine the most appropriate option for our project objectives. Her efforts ensured that the dataset chosen aligned closely with our requirements.
2. While I was responsible for data cleansing and merging, Su identified critical parameters within the `met` variable. This step played a pivotal role in facilitating accurate calculations for the final outcome, contributing significantly to the integrity of our analysis.
3. When project requirements changed, Su proactively engaged with team members to discuss necessary adjustments. She also proposed improvements to the functions I developed, suggesting their consolidation to enhance efficiency during the testing phase.

Areas for Improvement:

1. Su could benefit from managing anxiety more effectively and placing greater trust in her teammates' ability to complete their respective tasks. A more confident delegation of responsibility may reduce stress and foster a more balanced team dynamic.
2. While Su effectively caught up with the project's progress, she began her contributions later than other team members. Improving time management and balancing the workload across multiple projects would enable her to engage at the same pace as the rest of the team.
3. Given Su's strong sense of responsibility, there are limited areas for further improvement. However, maintaining a well-structured approach to balancing multiple commitments will help optimize her contributions across all projects.

Team Member 2: Haobo Yuan

Positive Attributes:

1. Following the selection of the project dataset and direction, Haobo meticulously delineated the preliminary requirements, specifying the application's inputs and

outputs. His structured approach ensured that the project's scope and objectives were clearly defined and comprehensible to all team members.

2. Haobo demonstrated strong organizational skills by systematically segmenting the project into distinct tasks and assigning roles accordingly. This clear delineation of responsibilities enabled each team member to understand their deliverables, thereby facilitating a coordinated and efficient workflow.
3. Haobo initiated extensive preparatory work at an early stage, which laid a solid foundation for subsequent tasks. Throughout the project, he provided timely support to team members and made necessary adjustments to his work to ensure alignment across the team's contributions.

Areas for Improvement:

1. Haobo began working on the project significantly earlier than other team members, which occasionally led to challenges when input and output requirements evolved during the data analysis phase. Aligning the project timeline more closely with the rest of the team and adopting a more iterative approach could help mitigate the need for substantial revisions in later stages.
2. As the primary author of the requirements documentation, Haobo played a critical role in guiding the team's work. Since all members relied on this document to initiate their respective tasks, ensuring that any changes—such as parameter modifications and unit specifications—are promptly updated and communicated is essential for maintaining consistency and streamlining the workflow.
3. Haobo's dedication and accountability are commendable, leaving little room for additional critique. However, maintaining rigorous documentation practices and adapting to evolving project needs will further enhance team collaboration and project efficiency.

Team Member 3: Xiangyu Wang

Positive Attributes:

1. Despite managing multiple final projects and being responsible for the most technically demanding segment of our work, Xiangyu consistently adhered to the project timeline and delivered her tasks with precision and reliability. Her ability to manage complexity under pressure reflects a high degree of competence and discipline.
2. During the AWS deployment phase, Xiangyu encountered numerous technical challenges. She exhibited a proactive approach by diligently seeking solutions and engaging relevant resources to resolve these issues efficiently. Her perseverance and problem-solving skills were instrumental in overcoming critical deployment obstacles.
3. Xiangyu demonstrated strong collaborative skills by aligning her work with the contributions of other team members. She effectively communicated her progress, methodologies, and challenges, ensuring transparency and facilitating cohesive teamwork.

Areas for Improvement:

1. Given that AWS deployment was the most technically challenging aspect of the project, Xiangyu's expertise as an excellent programmer is invaluable. To enhance team cohesion, it would be beneficial for her to communicate more frequently with the team and provide a walkthrough of her work. This would ensure that all members have a clear understanding of the deployment process.
2. To further improve the project's efficiency, Xiangyu could offer more insights and recommendations on optimizing performance. Providing feedback on computationally intensive functions would enable adjustments that enhance overall system performance.
3. Xiangyu demonstrates a strong sense of responsibility, leaving little room for additional critique. Continuing to maintain open communication and sharing her expertise will further strengthen the team's collaboration and productivity.

Feedback Session Outcomes

My teammates recognized my strengths in organization, problem-solving, and technical skills. By scheduling meetings with clear agendas and addressing challenges promptly, I helped keep the team on track and fostered collaboration. My backend data processing and CI/CD work ensured reliable data and smoother development, while my openness to feedback improved our results. I appreciate this feedback and will focus on these areas to better align with the team and boost overall efficiency.

Areas of improvement:

1. **Clearer Communication:** Better explain my thought process during discussions to help the team understand and build upon my ideas.
2. **Timely Backend Initiation:** Start backend tasks earlier to ease pressure on deployment and allow flexibility.
3. **Frontend Involvement:** Participate more in frontend testing for smoother integration and a broader project understanding.
4. **Detailed Documentation:** Expand CI/CD documentation to make it clearer and more accessible for the team.
5. **Team Engagement in Testing:** Encourage hands-on testing to gather feedback and foster a collaborative team experience.