

Teamwork Reflection

We have three team members in total for our team: Kejia, Zibin, and myself. In this reflection, I will evaluate the team's functioning, highlight the contributions of and areas of improvement for each member, and provide feedback based on and our team discussion.

Team Functioning

Strengths

1. **Clear Role Assignments:** From the outset, we defined our roles and responsibilities clearly: Kejia took charge of frontend UI design, Peter focused on setting up the microservice, and Zibin handled backend integration and data engineering.
2. **Effective Communication:** We established regular check-ins through asynchronous updates on a shared communication platform. This helped us stay aligned and address issues promptly.
3. **Adaptability:** As challenges arose, such as debugging performance bottlenecks in the microservice, we made sure to dedicate blocks of debugging time together with the TA to address issues before they were elevated.

Challenges

Our primary challenges arose in the first few weeks of our project, as we were not sure about what kind of project to pursue after given the scale and complexity of this assignment. However, we quickly resolved it by reaching a consensus to create a simple, functional app first before making it complex or top-notch.

Peer Evaluation

Kejia

• Positive Attributes:

1. Exceptional creativity and attention to detail in designing the UI.
2. Proactive in seeking feedback and iterating on designs to improve user experience.
3. Strong collaborative spirit, especially in working with the backend team to ensure seamless integration.

• Areas for Improvement:

1. Could improve technical documentation to make it easier for other team members to understand design decisions.
2. Occasionally focused on perfecting minor details at the expense of time for other tasks.

Zibin (Amy)

- Positive Attributes:

1. Strong technical expertise in setting up the backend aspect of the project.
2. Excellent problem-solving skills, particularly in finding a way for load testing.
3. Clear and concise communication, which kept the team informed about progress and challenges.

- Areas for Improvement:

1. Could work on being more proactive in reviewing the work of other team members to identify potential issues early.
2. Documentation of the data engineering setup could be more detailed for easier onboarding of future collaborators.
3. Could benefit from allocating more time for final-stage testing to ensure robustness.

Feedback Session Outcome

During our feedback session, we discussed each member's strengths and areas for improvement, and identified actionable steps to enhance our collaboration in future projects: Kejia agreed to document her design decisions more thoroughly and Zibin was determined in improving her feedback initiative as well as frequency to help future collaborators conquer better projects.