Teamwork Reflection

Introduction

In this weather dashboard project, I collaborated with my teammates to design and deploy an interactive interface system using tools like SQLite, Pandas, and Streamlit. The idea was very interesting and challenging because we aimed to enable users to retrieve real-time weather information simply by clicking on a map! While I had previously experienced similar functionalities, I had never explored the underlying technologies. This project gave me the opportunity to dive into various technologies, including the frontend tool Streamlit, backend weather APIs, and AWS EC2 for deployment. From this project, I not only gained technical skills but also learned the value of effective teamwork.

Working with such an enthusiastic and capable team was truly a pleasure!

Peer Review

I have to say that all of my teammates are awesome, and it is hard for me to think of their areas for improvement. If I have to nitpick unnecessarily, I list some potential areas for their improvements.

Javidan Karimli

Positive attributes

- **Vision and Leadership.** Javidan showcased remarkable leadership by proposing and guiding this ambitious project. During our brainstorming session, he suggested this bold weather dashboard, emphasizing its novelty despite some potential challenges. I really admire his bravery to pursue a difficult yet rewarding path!
- **Technical Expertise**. Javidan demonstrated strong technical abilities in data engineering, including building core data pipelines, connecting databases, and leveraging IaC and AWS for deployment. His expertise formed the backbone of our project!
- **Responsibility and Support.** Javidan took on the most challenging tasks and provided timely support to the team. He also responded to our questions quickly and explained to us in a very patient way, which I really appreciate!

Areas for improvement

- **Structure Meetings**. Javidan could considering introducing the agendas and goals at the start of meetings, which could improve our meeting efficiency and keep our discussions more focused.
- **Occasion randomness**. Javidan is occasionally behaving randomly, but this might a common trait of creative thinkers, hahaha~

- **Seek timely assistance**. It's natural for us to get stuck on a technical problem and invest a lot of time exploring different solutions. However, if the timeline is tight, Javidan could consider seeking external assistance earlier. That said, this is a minor point, as he generally manages such situations well.

Ramil Mammadov

Positive attributes

- **Effective Communication**. Ramil excelled at communicating in a clear, logical and gentle way, no matter it is about clarifying some technical questions or teamwork arrangement. His joyful characteristic also fostered us in a collaborative atmosphere :)
- **Reliability and Precision**. Ramil is a very reliable teammate! He consistently delivered high-quality work on time. Further, he is very careful and pays attention to details, possibly influenced by his finance background, hahaha~
- **Technical Contributions**. I know Ramil often work with Javidan to solve the most difficult tasks, so he made technical contributions to our project as well.

Areas for improvement

1. **Enhance technology knowledge and skills even better**. I know Ramil is good at data engineering, but there is no end at learning, so this can be an area for improvement :)
2. **Enhance leadership**. I think Ramil could consider taking on more leadership roles in future. While everyone has roles that suit their strengths, trying out leadership responsibilities could offer him the opportunity to further develop his comprehensive ability.
3. **Try thinking out of box**. As finance background people (including me), we may tend to be conservative, but many things require innovative solutions. Let's be more innovative together!

Shiyue Zhou

Positive attributes

- **Quick Learner**. I sincerely think Shiyue is quite talented at data engineering. No matter it is in-class assignments or this project, she is able to grasp the new and key data engineering concepts quickly and can apply them effectively!
- **Critical Thinking**. Shiyue is able to ask very sharp, tough and insightful questions in meetings, pushing us to think more deeply and clearly. I think it is a very important quality to raise important questions, and each team is better to have one member having such quality.
- **High Efficiency**. Shiyue's work efficiency is very high!

1. **Time management**. It is normal for personal affairs to conflict with teamwork. I think Shiyue can do better in balancing these two in future.
2. **Communication style**. Sometimes, a person's advantage can also be his/her disadvantage While Shiyue's critical questions were highly valuable, softening her tone and expression could make her feedback more approachable and easier for people to accept.
3. **Response speed**. Shiyue used to respond slowly in group chat, but I believe she is improving this because I see she responds quicker than before now.

Feedback Session Outcome

Our feedback session was both enjoyable and insightful. We openly shared our experiences and reflections, creating a constructive environment to celebrate each other's strengths and discuss areas for improvement. Everyone embraced other people' feedback as an opportunity for personal growth, which was really great!

This session was a valuable learning experience, allowing each of us to view ourselves from a teammate's perspective. Personally, I found it incredibly beneficial, as it helped me identify traits I hadn't previously realized I could improve upon. This collaborative process has left me feeling more self-aware and motivated to refine my skills for future projects!