

Reflection Report on Team Contributions

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1. Describe the people in your team and your reflection on whether this was a good team experience and why.

Our team was made up of 4 girls: Me, Rushan Liang, Yanqiong Ma, and Zhiqian Zhang. Each team member contributed in unique ways, which made our collaboration both insightful and rewarding. For example, Rushan Liang and Zhiqian Zhang focused on the functionalities of Login and Signup pages. They also designed the quiz page and implemented the idea of giving disclaimer before moving to the quiz. Me and Yanqiong Ma focused on the Quiz, Results, and Test History pages. I also put a lot of efforts on UI/UX design, debugging, and testing the app. As to the presentation, every one participated and we recorded the video together. Overall, I feel this was a great team experience because we respected each other's strengths and actively supported one another when challenges arose. Everyone shared a common goal of creating a polished and functional app, and that shared focus made our collaboration smooth.

2. Do you feel like you talk as much as you would like in team meetings? Explain your answer. Do you feel like you talk as much as others or more than others?

I felt that I talked as much as I wanted in team meetings and contributed ideas freely. Compared to others, I think my participation was balanced—I spoke up when I had ideas and asked questions, but also made sure to listen when others were sharing their thoughts. This balance allowed for an inclusive discussion and ensured no one's voice was overshadowed.

3. How would you describe your team's collaborative style? For example, the team plans and slowly works towards submission or gets things done quickly.

Our team's collaborative style was a blend of planning and execution. We started with clear goals and divided the project into manageable parts, then set milestones to keep us on track. Therefore, we accomplished this task well ahead of deadline.

4. Does your team work together or work separately and combine the work after?

In terms of work style, our team worked both independently and collaboratively. For example, each of us focused on different aspects of the app. Once the work is done, team member will commit the work to Github and let others know they can proceed to work on. Once those pieces were complete, I was responsible to review and test the entire project, make UI/UX improvements, and create presentation slides, so we can ensure consistency and functionality.

5. Describe your contribution to the project you are most proud of.

The contribution I am most proud of is implementing several key features that enhanced the app's functionality and user experience. For example:

- 1) I designed and integrated the **bottom navigation tab bar** that seamlessly connects the Profile, Quiz, and Test History screens.
- 2) I implemented the **Test History screen and management feature** so users can view, manage, and delete their test results, thus ensuring smooth database updates and providing a confirmation prompt for safety.
- 3) I added a safe and **secure logout feature** so users can be prompted with a confirmation dialog before logging out. In this way, accidental logouts are prevented. I introduced a **self-defined color set** to ensure a consistent design across the app.
- 4) I expanded the **quiz selection** to include new mental health assessments, providing more value to the users.
- 5) I implemented **rainbow-colored buttons**, matching the options from Strongly Agree to Strongly Disagree. Additionally, once an option is selected, the button is highlighted to confirm the user's choice, improving the overall user experience.
- 6) Beyond coding, I also took responsibility for the **final testing** of the app to ensure a seamless user experience across all features. I **recorded video** for a thorough walkthrough of each function. I **did live demo**, **created presentation slides**, and **edited the final video recording** to showcase our project professionally.

These tasks allowed me to contribute to both the technical and presentation aspects of the project, so our team's efforts were effectively communicated and celebrated.

6. Do you feel like you contributed more than others on your team (be specific with examples)?

I feel that my contributions were significant, but they were balanced with those of my teammates. While I took on key development tasks like implementing navigation, quiz options, and user history management, my teammates focused on login & signup features, Firebase integration, and debugging during this process. For example, Rushan Liang and Zhiqian Zhang handled the registration and login flow while addressing Firebase authentication issues. Yanqiong Ma implemented the Quiz page and results page as well. Every work is equally critical to the project. My contributions complemented their efforts, leading to a successful final product.

7. Do you think you could satisfy your team members' expectations in this project? Explain your answer.

Yes, I believe I met and even exceeded my team's expectations in this project. For example, I took ownership of key features, ensured all my tasks were completed ahead of time, participated actively in discussions, and offered solutions to challenges like navigation inconsistencies and Firebase debugging. My teammates appreciated my proactive approach and ability to address both technical and design-related issues.

8. How do you feel about the quality of the work your team does?

I am genuinely proud of the quality of work our team produced. The app is functional, user-friendly, and visually appealing. We tested every feature thoroughly and ensured that the app met our initial goals. The collaborative efforts of the team were reflected in the polished final product.

9. What are the skills you learned to work effectively in a virtual team?

This project taught me several skills necessary for effective virtual teamwork, such as making clear communication so our ideas and updates were shared clearly during virtual meetings and in our chat group. I also learned to break down the project into manageable parts and track progress collaboratively. Overall, this project was an enriching experience. Not only did I contribute meaningfully to the app's development, but I also grew as a team member, learning to collaborate effectively in a virtual environment. The skills I gained will be invaluable for future projects, and I am excited about the potential improvements we could make in future iterations of the app.