

# Improve usability survey question

Improve Usability of WebRTC Application using Danmaku

1. What is your age?

*Mark only one oval.*

☐ 18-21

☐ 22-25

☐ 26-28

☐ 29-32

☐ >33

2. What is your gender?

*Mark only one oval.*

☐ Female

☐ Male

☐ Gender diverse

☐ Prefer not to say

3. Do you think you have used the Web-RTC in your life?

*Mark only one oval.*

☐ Yes

☐ No

4. Have you used the applications list below?

*Mark only one oval.*

- ☐ Zoom
- ☐ Discord
- ☐ Twitch
- ☐ Live Streaming
- ☐ None

5. As a new user, can you quickly find and apply the Danmaku/Chat function to interact?

*Mark only one oval.*

- ☐ Very quick(easy to use)
- ☐ Normal
- ☐ Quite long(hard to use)

6. After the experiment, which version of the system do you think is most helpful?

*Mark only one oval.*

- ☐ A(Without Danmaku function)
- ☐ B(With Danmaku)

7. If you chose B(With Danmaku), please rate how helpful Danmaku is for your online learning?(1-5 Not helpful at all- Extremely helpful)

*Mark only one oval.*

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5

8. Please rate the picture and sound clarity and delay. (1-5: Not good at all - Extremely good)

*Mark only one oval.*

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

9. Are you going to use the Danmaku function in future scenarios? ((1-5: Not helpful at all - Extremely helpful))

*Mark only one oval.*

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

10. How does the Interaction influence/distract for learning online in different versions

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11. Any other advice for this system and the Danmaku function

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