Combined Group Low-Fidelity Prototype

CSC318 • Assignment 6a

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E21 – Esports
Isaac Ng, Gabriel Anover, James Huynh, Nigel Owen Ng Yan Hing, Umid Targuliyev

A6a.1

A task analysis was performed on each teammate for our discussion. We started by looking over our A5 prototypes and chose a usable prototype with a proper interface. There were no disagreements on choices however, there were multiple design ideas for the video and chat components such as viewing options, video tabs, chat channels and break-out rooms.

Ultimately, we used Isaac's prototype as the base prototype to work with because it had the most favourable UI out of the team members' prototypes. Important ideas and components from each team member's prototypes were then appended to this foundation. Our features were already discussed during our TA meeting giving feedback on each individual's A5a on what to improve for Assignment 5b, so there was little difficulty in combining prototypes since many of our best ideas were shared from this session. This led to some overlapping features between each prototype.

We then expanded on ideas we had for unique features. Owen suggested adding a frame color which changes when the alarm approaches zero. From Umid, we added a chat channel/category feature where users participate in different channels directed at specific topics/focuses to direct a more controlled conversation and to isolate irrelevant/toxic messages. Gabriel offered the idea to have a human-like photo assigned to each user. The profile picture is assigned and created during the creation of the account after which it cannot be changed. This will help mitigate toxic behaviour as users are less likely to be aggressive when users can visualize a real person beyond the screen as was proposed in this research article[1].

References:

1. https://www.sciencedirect.com/science/article/abs/pii/S0747563211002317

Appendix

Contributions:
- Combined prototype drawings
  - Isaac Ng
  - Gabriel Anover
- Discussion write-up
  - Isaac Ng
  - Nigel Owen Ng Yan Hing
  - Umid Targuliyev
  - James Huynh