Final Report

Assignment 1: Usability

App:

- Discord

Evaluation:

- Learnability 7/10

- Efficiency 4.5/5

- Memorability 7.5/10

- Errors

  - Severity 1.5/10

  - Ease 9/10

- Satisfaction 7.75/10

Conclusion:

Discord is a very useful app with a lot of functionality, but the UI can be overwhelming for new users mostly due to the many interactable buttons and Activity Home Screen. User tasks are not given a clear path to reach their end goal. Even with directions, new users can end up frustrated and repeatedly perform the same errors before reaching the desired end goal. Overall Discord is usable for experienced users but almost unusable for new users.

Form Responses:
https://docs.google.com/forms/d/e/1FAIpQLScf1xtkFSKJDXcxHEiZfOcXoKofsND2i-ZdjXI0A3cuWpyamA/viewanalytics

Assignment 2: User Stories / Personas

User Stories:

1. Description: Find Friend
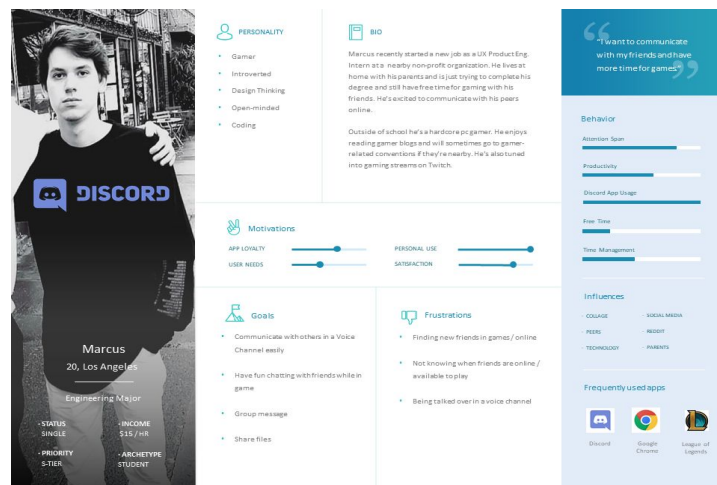
   Acceptance Criteria:
   - Friend is discovered
   - Friend can be added to the friends list

2. Description: Join Voice Channel
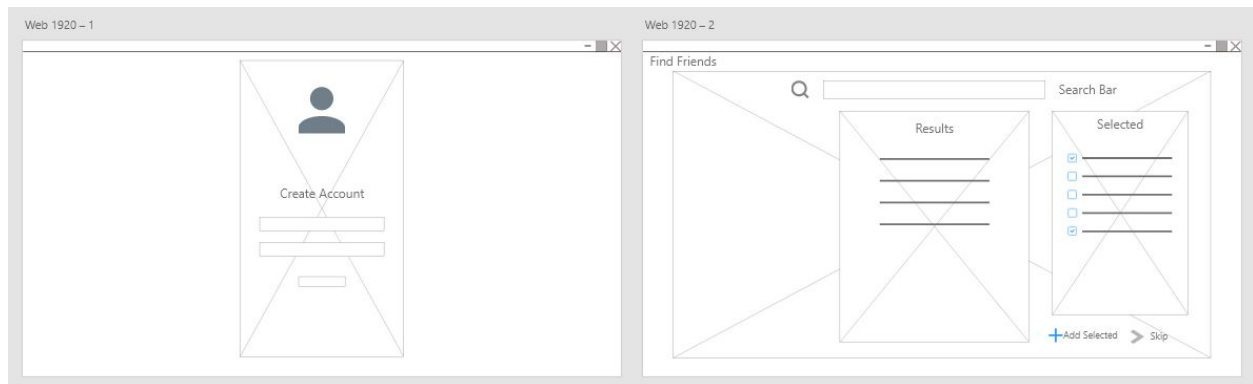
   Acceptance Criteria:
   - Voice Channel is Joinable/Discoverable within Server
   - Cannot Accidentally Join Voice Channel
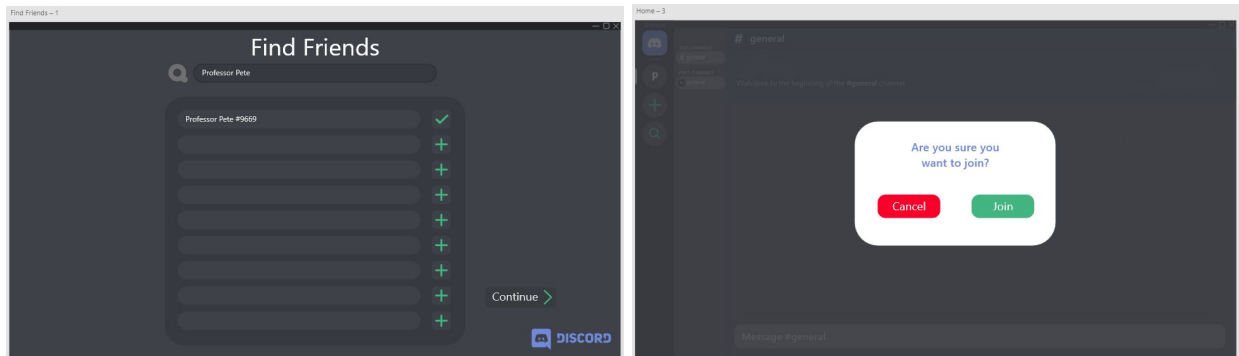
Persona:

Wireframe:

Form Data:

https://docs.google.com/forms/d/e/1FAIpQLScS-_CFJbflpNyGYVFse0ZPNfBLyMO1zTlSz-q_
PBv9CXOMBQ/viewanalytics

Assignment 3: New UI Design / Prototype

New User Interface Design:

- Larger / Easily Identifiable UI Elements

- Friends Tab Less Obscure

- Harder to Accidentally Join Voice Channel

High-Fidelity Prototype:

Usability Test Results:

- More usable than original design

Prototype Link:
https://github.com/Froenn/HCI-UX-Student-Project---CST407/blob/master/Discord%20High-Fi
delity%20Prototype.xd

Conclusion

Throughout the course of this project I gained many different kinds of experience in the

User Experience Design Process: from learning more about user perspectives (usability/user

stories/personas), to learning to navigate Adobe Xd to develop new UX/UI designs for an

application (wireframing/prototyping), to presenting those ideas to an audience. I even went

through the process of tracking my project progress by uploading my changes and project

iterations to GitHub as extra practice in Agile development (see GitHub link below). Overall the

original usability of Discord in its current state is okay, but the improvements that I created for it

in this project presented the end users with a more positive experience that they may have

originally had and solved the problems they presented to me. I think that from their feedback and

responses I can say that my improvement would be a success if actually implemented in the

application today.

Project Link: https://github.com/Froenn/HCI-UX-Student-Project---CST407