P1:  
Top five Functionalities:

* Course group chat
* Course group call
* Assignment collaboration
* Anonymous Question asking
* To-do list

Figma prototype: <https://www.figma.com/file/gGH15TWJCWkzyDf6WTHgKv/Assignment-3---Jonathan-Hugo?type=design&node-id=0%3A1&mode=design&t=fPBvBTYcCOT3IfXb-1>

# P2:

Participate profiles:

**Participant 1:**

Name: Liliana Hugo

Age: 26

Occupation: Nurse

Relation: Sibling

Extra notes: in terms of tech savviness, Liliana is moderate in terms of being able to moderately navigate many popular app like Instagram, TikTok, Facebook, YouTube. Upon doing the tests, she was sort of struggling to do the earlier tasks that required more clicks as some wordings for text to navigate to complete the test were worded oddly which caused confusion. Another thing noted was that she preferred the color scheme of most sites, specifically white background, and a main color, such as Facebook using blue as a secondary color. She didn’t like the blue and purple color scheme of the app. In terms of feedback, she had mentioned that all that functions seem acceptable, but more work on some parts of the UI, mainly the color scheme, and the way certain parts of the are worded, could use improvement.

**Participant 2:**

Name: Anthony Tofalo

Age: 25

Occupation: Student

Relation: Cousin

Extra notes: Anthony’s tech savviness is higher than the average person, having experience with many different types or user interface from computers, to mobile phones, to even portable gaming devices. Upon doing the tests, most tasks were done with ease except for task 3, which required the user to prepare an anonymous question, which was due to difficulty accessing different pages. Anthony had made the suggestion to place buttons on the homepage of each course so things could be not only easily accessible to more quick for more experienced users, stating “if I was late to submit an assignment and only had a minute to submit, I would fail, takes too long to get there as a first time user.”. Anthony had also liked the idea of creating group chats withing an educational app, but didn’t like my use of the hamburger menu and instead preferred button front and center of each course homepage. Anthony believes the application is overall functional, and adding more might be over doing it, but also mentions a real test would be to do a similar test a week after to see if he can memorize where certain parts of the app are.

# P3:

**Time:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Liliana | Anthony | Average per task |
| Task 1 | 48 sec. | 12 secs | 30 secs |
| Task 2 | 51 sec. | 25 secs | 38 secs |
| Task 3 | 69 sec. | 80 secs | 74.5 secs |
| Task 4 | 8 sec. | 6 secs | 7 |
| Task 5 | 2 sec. | 5 secs | 3.5 |

**Clicks:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Liliana | Anthony | Average per task |
| Task 1 | 12 | 4 | 8 |
| Task 2 | 20 | 7 | 13.5 |
| Task 3 | 5 | 16 | 10.5 |
| Task 4 | 7 | 3 | 5 |
| Task 5 | 2 | 3 | 2.5 |

Overall, seems the most difficult tasks were “Add Alex Johnson as a collaborator to assignment 3” and “Prepare to ask an anonymous question in the “Code the Web” course” as they had both gotten the most clicks and time taken on average to complete. This was slightly expected as both tasks to require the user to go through many pages to complete the task, however, what had caused the difficulty was the wording of some tabs as well as symbols used which was a complaint received by both testers.



Consent Form

The application [--APPLICATION NAME--] is being developed as part of the coursework for course INFO 31179 at Sheridan College. Participants in the usability evaluation of the application provide data that is used to evaluate and modify the interface of the application. Data will be collected by interview, observation and questionnaire.

Participation in this experiment is voluntary. Participants may withdraw themselves and their data at any time without fear of consequences.

Participant anonymity will be provided by the separate storage of names from data. Data will only be identified by participant number. No identifying information about the participants will be available to anyone except the student researchers and their supervisors/teaching staff.

I hereby acknowledge that I have been given an opportunity to ask questions about the nature of the experiment and my participation in it. I give my consent to have data collected on my behavior and opinions in relation to the usability evaluation.

Name \_\_\_\_Liliana Hugo\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Participant Number \_\_\_647-606-9443\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_2024-03-25\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A close-up of a signature

Description automatically generated

Signature\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Witness name \_\_\_\_\_Jonathan Hugo\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A close up of a letter

Description automatically generated

Witness signature\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sheridan is authorized to collect this personal information by section 2 of the *Ontario Colleges of Applied Arts and Technology Act.* Personal information on this form is collected under the authority of the *Freedom of Information and Protection of Privacy Act (FIPPA)* and may be used to solicit authorization to use such personal information on Sheridan’s promotional materials. Sheridan adheres to all legislative requirements with respect to protecting privacy.



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I hereby acknowledge that I have been given an opportunity to ask questions about the nature of the experiment and my participation in it. I give my consent to have data collected on my behavior and opinions in relation to the usability evaluation.

Name \_Anthony Tofalo\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Participant Number \_\_647-528-1292\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_2024-03-26\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



Witness name \_\_\_Jonathan Hugo\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A close up of a letter

Description automatically generated

Witness signature

Sheridan is authorized to collect this personal information by section 2 of the *Ontario Colleges of Applied Arts and Technology Act.* Personal information on this form is collected under the authority of the *Freedom of Information and Protection of Privacy Act (FIPPA)* and may be used to solicit authorization to use such personal information on Sheridan’s promotional materials. Sheridan adheres to all legislative requirements with respect to protecting privacy.



**User Testing: Task Script**

[To be read to each participant]

I am a student at Sheridan College. For one of our courses, I am working on the development of a Educational application.

I have developed a prototype which simulates some aspects of the final system.  What you will see is not a working system.  Only pages relevant to the tasks I will ask you to complete have been mocked up.  In addition, some links and functionality will not work.  In order evaluate the prototype and concept, I would like you to interact with the prototype and then give me your honest opinions. Any problems you find will help me improve the prototype.

The testing session will consist of two parts:

1. Completion of three tasks using the prototype, where you will be asked to verbalize your thoughts and opinions as you use the prototype
2. A brief interview to find out your opinions

I will run the session while taking notes.  During the session, you are encouraged to ask questions but I may not be able to respond to them at that time.  I will be able to answer all questions at the end of the session. The session should take about 20-30 minutes.  You can end the testing at any point in the session if you feel uncomfortable.

Do you have any questions?

If you feel comfortable taking part in this testing session, please sign the consent form.   
[Make sure the participants sign the consent form before beginning the session]



**Tasks**

Using the prototype, you will be asked to perform three tasks.  While you are performing the tasks, please try to say your thoughts **aloud**.  If you become quiet, I may ask questions to find out what you are thinking or remind you to speak your thoughts aloud.

**Task 1**  
check your assignments in the “Code the Web” course

**Task 2**  
Add Alex Johnson as a collaborator to assignment 3

**Task 3**  
Prepare to ask an anonymous question in the “Code the Web” course

**Task 4**  
view the group chats you can contact

**Task 5**  
start a group call with “.NET Technologies using c#” course

[After completion of each task, ask the following question.]

On a scale of 1-5, how difficult was this task to complete? (1 being the easiest)

**Semi-structured Interview Questions (Post-test questions)**

Now I would like to ask you a few questions to find out what you think of the prototype.  [The following questions should be asked in each session.  Other questions may be improvised to solicit further information from the participant.]

1. What aspects of using prototype (application) were problematic or confusing?
2. Did you notice any features that you like?
3. Did you notice any features that you dislike?
4. Which terms, labels or navigation elements are confusing or require clarification?
5. Do you have any suggestions for improvement?
6. Would you like to provide any further feedback?