

# SUNY Oswego Human Subject Committee

## Research Protocol Form

**Project Title:** Swyl - Support Who You Love

**Anticipated Start Date (YYYY-MM-DD):** 2022-11-21

**Anticipated End Date (YYYY-MM-DD):** 2022-12-04

**Location(s):** SUNY Oswego Campus

### Principal Investigator

**Name:** Nam (Logan) Nguyen  
**Department:** Computer Science  
**Email Address:** nnguyen6@oswego.edu

**Classification:**

- |   |   |
|---|---|
| <input type="checkbox"/> Full Professor               | <input type="checkbox"/> Adjunct            |
| <input type="checkbox"/> Associate Professor          | <input type="checkbox"/> Staff              |
| <input type="checkbox"/> Assistant Professor          | <input checked="" type="checkbox"/> Student |
| <input type="checkbox"/> Visiting Assistant Professor | <input type="checkbox"/> Other:             |

### Co-Investigator

*Students are required to have a faculty Co-Investigator for all projects.*

**Name:** Bastian Tenbergen  
**Department:** Computer Science  
**Email Address:** bastian.tenbergen@oswego.edu

**Classification:**

- |   |                                  |
|---|----------------------------------|
| <input type="checkbox"/> Full Professor                 | <input type="checkbox"/> Adjunct |
| <input type="checkbox"/> Associate Professor            | <input type="checkbox"/> Staff   |
| <input checked="" type="checkbox"/> Assistant Professor | <input type="checkbox"/> Student |
| <input type="checkbox"/> Visiting Assistant Professor   | <input type="checkbox"/> Other:  |

*For additional Co-Investigators, please use the Additional Investigators Addendum found on the HSC website here: [Additional Investigators Addendum Document \(.docx\)](#)*

## Section I: Overview and Hypothesis

*Please briefly describe the purpose, specific aims or objectives of this research.*

The purpose of the study is to test the usability of the software which is a capstone project. The software is called Support Who You Love (SWYL). SWYL is a commercial full-stack web application that offer a platform where music artists can register copyright for their music thanks to the blockchain technology. More than that, Swyl allows other users make an arbitrary amount of tip under the form of cryptocurrency and send it to the artists as a form of support (i.e. donation). This software aims to provide a playground where artists can be able to perform their artworks and other users can enjoy them. The artists can also make multiple digital copies on their music and list them on the SWYL marketplace to sell them to earn some more revenue. Also, thanks to blockchain technology and cryptocurrency, no more frustrating and confusing currency converting process will be involved, and the transactions can also be made from across the world within just only seconds. The purpose of this research is to conduct continuous usability test of software in development to ensure that the software functions as expected.

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## Section II: Human Subjects

*(a) Description of human subjects being used in this study, including approximate numbers and demographics if available.*

The participants attend to this study will consist of college students (student in CSC495/496/ISC496 course). There will be no limit to the number of participants for the study.

*If you are using Protected classes of human subjects, please check all that apply.*

- |  |   |
|--|---|
| <input type="checkbox"/> Pregnant Women                | <input type="checkbox"/> Children (< 18 years of age) |
| <input type="checkbox"/> Individuals with Disabilities | <input type="checkbox"/> Prisoners                    |
| <input type="checkbox"/> Other vulnerable groups:      |   |

*If applicable, please describe the reasoning behind utilizing protected classes for this research.*

N/A

*(b) Identify the source(s) and location (e.g., hospitals, institutions, schools, classes, shopping malls, etc.) from which subjects will be recruited into the research. Please include any recruitment language and/or attach any materials that will be used to recruit subjects.*

Participants will be recruited in the CSC495/496/ISC496 course. Recruitment will be conducted over word of mouth.

*(c) Will subjects be compensated?* ☐ Yes ☒ No

*If yes, please specify how the subjects will be compensated and/or the amount of compensation provided.*

N/A

*(d) Please submit letters of approval from all participating organizations outside of SUNY Oswego with whom you will be working. Letters must be on official letterhead and indicate the protected classes that are being affected. Please ensure that the title of your research, the names of each investigator, and a statement of involvement of the participating organization(s) are included.*

☒ Not applicable

☐ I have attached the letters of approval to my Google Form submission

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## Section III: Procedures

*Please provide a detailed description of how the subjects will be utilized in this research (e.g., how they are recruited, selected, what they will be doing - such as complete questionnaires or participate in a simulated task). Be as specific as possible. Please attach any measures, surveys, or questionnaires and provide references if possible. Please also provide or attach the debriefing statement that will be used at the conclusion of the study.*

In-person recruitment:

1. Student will be asked if they would like to participate in a user study for a commercial web application.
2. The student will have the options to accept or not. If the student doesn't accept to participate in the study, then the study won't be taken out on them.
3. If the student accept to participate in the study, he/she will be giving some free availability to schedule an appointment.

In person testing:

Time on task can be taken from the timestamps of the screen recordings or simply based on the researcher's stopwatch. The researcher will time how long the tester takes to complete a task using the stopwatch.

Task success will be determined when the user has completed the task during testing.

Experiment Steps:

- If the participant is assumed as a music artist:

- Participant will be placed in front of a computer machine which is connected to the internet
- Participant will be provided a set of public crypto wallet address and password as the user account
- Participant will then connect to SWYL platform using the provided public wallet address and password

- Participant will create a music digital music copy (i.e. music Non-fungible token (NFT)) to register the music to blockchain
  - Participant will click the create button to create music NFT.
  - Participant will fill out the metadata form that are related to the music.
  - Participant will click submit button after they are done filling out the metadata form.
  - Participant will then be prompted by the platform as he/she successfully created a new music NFT
  - Participant will then be redirected to the music NFT detail page to review their new music NFT.
  - Participant will play the music by clicking the play button
  - Participant will now go to their SWYL site
  - Participant will make a new post in Community tab
  - Participant will visit the SWYL marketplace
  - Participant will disconnect to the SWYL platform
  - Participant will be receiving a big thank from the research
  - DONE with the experiment
  
- If the participant is assumed as an NFT buyer:
  - Participant will be placed in front of a computer machine which is connected to the internet
  - Participant will be provided a set of public crypto wallet address and password as the user account
  - Participant will then connect to SWYL platform using the provided public wallet address and password
  - Participant will go to SWYL marketplace
  - Participant will click on a music NFT to get to the music NFT detail page
  - Participant will click buy button to buy the music NFT
  - Participant will then be shown with a checkout screen which contains the information about what the total price would be
  - Participant will click Acknowledge button to agree with SWYL's terms of service and buy the NFT
  - Participant will then be prompted with a transaction successful processed
  - Participant will be navigated to their music NFT detail page
  - Participant will disconnect to the SWYL platform
  - Participant will be receiving a big thank from the research

- DONE with the experiment

- If the participant is assumed as an ordinary SWYL user :

- Participant will be placed in front of a computer machine which is connected to the internet
- Participant will be provided a set of public crypto wallet address and password as the user account
- Participant will then connect to SWYL platform using the provided public wallet address and password
- Participant will click explore to explore to other music artist pages
- Participant will click on a random music artist page
- Participant will donate an amount of cryptocurrency to the artist
- Participant will fill in the metadata form
- Participant will click Donate to donate the money
- Participant will click on Collections tab to visit the artist's collections
- Participant will play the music by clicking the play music on the NFTs.
- Participant will go to Community by click on Community tab
- Participant will make a comment on a random post posted by the artist.
- Participant will disconnect to the SWYL platform
- Participant will be receiving a big thank from the research
- DONE with the experiment

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## Section IV: Benefits

*Describe the benefits of the research to the human subjects, if any, and of the benefits to human or scientific knowledge.*

The research will benefit the SWYL project on making a better product.

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## Section V: Risks

*Procedures that may entail additional risks: (Check all that apply)*



- ☐ Drugs or Toxic Substances
- ☐ Biomedical Procedures
- ☐ Video Taping
- ☐ Threats/Embarrassment

- ☐ Interview
- ☐ Audio Taping
- ☐ Photographs
- ☐ Observation

- ☐ Hypnosis
- ☐ Deception
- ☐ Self-Disclosure
- ☐ Recording of Identifiable Data

Other:

N/A

*(a) Describe the potential risks and discomforts to subjects. Explain any steps you have taken to minimize these risks, and why any remaining potential risks are necessary or unavoidable.*

N/A

*(b) If the proposed research involves deception, (e.g., through provision of misinformation, withholding information, etc.), explain why it is necessary to involve deception in the research. How will the subject be debriefed so as to minimize risk to the subject due to the deception?*

N/A

## Section VI: Data Security Plan

*Please describe where and how the data collected in this study will be stored. Please include any measures that will be taken to protect the privacy and confidentiality of your participants.*

No data will be collected during the experiment of this study except the date and time the participant can participate in the experiment.

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## Section VII: Human Subjects Training & Policies

**I have completed the CITI On-Line Human Subjects Protection Training within the last three years. A Certificate (or copy) is:**

- ☐ On file in the Office of Research and Sponsored Programs    ☐ Attached (*preferred*)

*If you have completed the CITI Training, when were your courses completed?*

Date (YYYY-MM-DD): N/A

**NOTE:** For students, the supervising faculty member must have also completed the applicable CITI training modules.

I affirm that the investigation will adhere to the [Policies and Procedures of the State University of New York](#) for the study of human subjects.


- ☒ Yes    ☐ No



Additions to or changes in procedures involving human subjects that occur after review of the application will be brought to the attention of the review committee as will anticipated problems involving risks to subjects or others.

☒ Yes     ☐ No

**By signing below, I, the Principal Investigator (PI), acknowledge that I am primarily responsible for safeguarding the rights and welfare of each research subject, and that the subject's rights and welfare must take precedence over the goals and requirements of the research project.**

  
\_\_\_\_\_  
Principal Investigator's Signature

2022-10-13

Date (YYYY-MM-DD)

**(For Faculty Sponsors, if applicable)**

**Faculty Verification:** I have read and reviewed this student's Research Protocol Form and all related documents (e.g., Informed Consent, Debriefing), and attest that they are complete and contain all of the required information.

\_\_\_\_\_  
Signature of Faculty Sponsor

Date (YYYY-MM-DD)

*If you have any questions concerning the protocol form, guidelines, or required documents please feel free to reach out to [hsc-admin@oswego.edu](mailto:hsc-admin@oswego.edu).*