Student Human Subjects Research Practice
Classroom Projects

Instructions:
Faculty requiring a research project for a course grade (outside of thesis work) is considered "research practice" and will not require IRB review. There projects are under time constraints and are not normally as rigorous as research intended for a thesis or publication. However, students can present results at a conference without IRB approval. Students can declare to a conference that faculty approval was granted.

Application Checklist:

☒ Students should take the Human Subjects Research: Undergrad & Masters Student course in CITI.

☒ You must attach your informed consent form, all data collection tools, interview questions, and/or recruitment flyers/emails.

☒ Evaluation of risks in your research should consider all possible risks associated with your research. For example, although you may not reveal the identity of your subjects in your *results*, collecting identifiable raw data such as audio/video/email/phone creates a risk of identification if data were to be inadequately stored.

Submit Application:
Submit this form to your professor.

Classroom Project/ Research Practice

Faculty Notes:

A. Student Investigator Information	
Student Investigator(s):	Dylan Hall, Liam Smith, Reynaldo Cuesta
Email(s):	Rccuesta@csuchico.edu, Dhall1@csuchico.edu, ltsmith@csuchico.edu

B. Project Information	
Project Title:	DAWDLE
CITI certification attached:	☐ No ☒ Yes
Are other institutions/ organizations involved?	☒ No ☐ Yes: List name of institution/organization: Do you have support from the organization? ☒ No ☐ Yes

C. Project Overview

I. Purpose and Objectives of the Research

This is the "so what?" statement. Why are you are doing the study? Who will benefit? What is the problem or phenomena you are trying to address? Include a brief summary of literature that support the need for your research.

The goal of the study is to collect data to analyze the usability of our software. The software should benefit musicians by creating an easy-to-use software that is cost efficient and has a reservoir of musical instruments. The issue being addressed is how easy the software is to use, if the participants are having issues using the software, then the software can be improved based on common issues being committed.

II. Main Research Question or Hypothesis

To gain information from the general public on how we can improve our music creation tool

III. Methodology

Your methodology should help you directly answer your RQs/address your hypotheses. Include *all* of the following information:

- *Study Design*—What methods will be used? Quantitative? Qualitative? Mixed? Are you using a survey, interviews, focus groups, experiment?
- *Data Analysis*—How will you analyze the data you obtain in order to answer your research question(s)?

The study will be a qualitative, user study.

IV. Development of/Contribution to Generalizable Knowledge

Generalizable knowledge means conclusions, facts, or principles derived from particulars that are applicable to or affect a whole category and enhance scientific or academic understanding. What are the potential implications of your research? How will it contribute to academic knowledge?

The intent is not to produce generalized knowledge but to gain insight on the way humans interact with our software for the purpose of improving on the user experience

V. Results

- *Description of participants in results*—Describe whether participants will be identified individually or as a group in results, and how they will be protected (i.e. the population will be described as students at a Northern CA Community College and the real college name and location will not be revealed; all data will be reported in aggregate in charts and graphs; personal quotes will be linked to a pseudonym and no real names will be used).
- *Dissemination of results*—How do you plan to disseminate your results to peers in your discipline? Class presentation, conference submission, etc.

Personal information will not be used to identify each participant. Participants will be identified individually using a participant identifier number.
We plan to disseminate the results in the form of a portfolio

D. Participant Population	
I. Who are the research participants?	Students from CSCI 431W
VI. Will any special population be included?	☐ Children (Please consider if this is appropriate. Conducting research with minors requires parental consent and potentially expertise) ☐ DACA (Please consider if this is appropriate for a classroom project) ☐ Prisoners (not allowed)
VII. How will they be recruited? (Be specific with your steps. Include copy of flyer or email if advertising for participants)	Students from the class will volunteer to be a part of the study.
VIII. Maximum enrollment:	7 students are the maximum enrollment
IX. Will an incentive offered? If you feel that incentives are necessary, contact the IRB to make sure you are compliant with related rules and laws, or view this video.	*Incentives for classroom projects should be avoided.* Identifiable data is usually required (email) and it adds an element of possible coercion. Additionally, California lottery law applies to raffles or lotteries and should not be used unless you are certain the law is followed. ☒ No ☐ Yes, *describe*:

E. Participant Experience

X. Data collection procedures

Discuss when you plan to collect the data, where you will collect it, how long it will take (if it involves several sessions, please break this up by session), and what you are collecting. Every detail should be planned and thought through.

Make sure to attach survey, interview questions, rubrics, inter-rater reliability datasheets, or other data collection tools you plan to use.

Data collection will occur on the 7th of May. There will be 7 timeslots, each spanning 30 minutes from 12:30pm to 4:00pm. The study will take place in Merium Library in room MLIB 361. We will be requesting that users attempt to create, modify, save, and load sound clips or songs.

a) How long will participation take?	30 mins
b) Where will the study be conducted?	Meriam library

F. Data Analysis and Maintenance

I. Collection Method

Check all that apply.

- ☐ Online survey/questionnaire
  - ☐ Qualtrics preferred
- ☐ Zoom Audio recording/ Video recording→
- ☐ Audio recordings with another device →
- ☐ Paper survey/questionnaire
- ☒ Note-taking on computer or with notebook
- ☐ Rubric or checklist

Zoom:

- ☐ Zoom recordings will remain stored on my U: drive or my Zoom account

Non-Zoom recording device:

- ☐ Once the recording is obtained, I will transfer the file from the recording device to a password protected hard-drive, OneDrive, or U: drive
- ☐ I will then delete the file from the recording device

You will do the following with your audio recording(s):

- ☐ Transcribe audio recordings
- ☐ Change any names or other identifying information in the transcription to protect subject identity
- ☐ Delete the audio recording once you are satisfied with your transcription so that you are deleting any link between the participant and their responses.

XI. Collection of Direct and Indirect Identifiers

Check all of the identifiers you plan to collect.

(Direct) Identifiable data:

- ☐ Name
- ☐ Email
- ☐ Phone number
- ☐ Username
- ☐ Student ID or other unique ID
- ☐ Other: _____

(Indirect) Demographic data:

- ☐ Gender
- ☐ Age
- ☐ Race
- ☐ Sexuality
- ☐ Income
- ☐ other demographic data: _____

XII. Who will have access to the raw data? How will confidentiality be maintained during collection and analysis?

The only people that will have access to the raw data is the student investigators of the study, as well as the teacher. Data confidentiality will be maintained by having a participant identifier number.

XIII. *How* and *when* will data be maintained or destroyed after publication/presentation (password protected, locked drawer; erase files, shred documents; 3 years after completion)**?** For research practice, it is not necessary to retain data for long periods of time.

The data will be destroyed and shredded after the semester by the teacher.

G. Benefits and Risks

I. Describe the benefits to the individual (if any) and to society:

Project allows musicians to work on a software that is cost efficient and easy to use.

XIV. Physical Risk (i.e., exercise, sensors placed on skin, cheek swabs, saliva samples, etc.)

☒ Not applicable ☐ Minimal ☐ Greater than Minimal

a) Describe minimal or greater than minimal risk:	
b) Describe how this risk will be addressed/minimized:	

XV. Psychological Risk (i.e., stress, embarrassment) ☐ Not applicable ☒ Minimal ☐ Greater than Minimal	
a) Describe minimal or greater than minimal risk:	There is a risk of stress, frustration, or embarrassment.
b) Describe how this risk will be addressed/minimized:	We will let them know that this isn't an assessment of them but instead an assessment of the product.
XVI. Sociological and Economic Risk (i.e., employability, reputation, financial standing, criminal prosecution) ☒ Not applicable ☐ Minimal ☐ Greater than Minimal	
a) Describe minimal or greater than minimal risk:	
b) Describe how this risk will be addressed/minimized:	
XVII. Confidentiality Risk (i.e., collection of identifiable information, data maintenance, potential access to data from outside parties) ☒ Not applicable ☐ Minimal ☐ Greater than Minimal	
a) Describe minimal or greater than minimal risk:	We will be collecting data about this user experience which could lead to the leaking of that information
b) Describe how this risk will be addressed/minimized:	We will be shredding the papers after we have recorded the data into a spreadsheet

H. Informed Consent

Use the *Exempt Research* informed consent form below.

- Review Section F.II. of your application.
  - Direct identifiers are checked: Use Option #1 (confidential paragraph) in the template.
  - No direct identifiers are checked: Use Option #2 (anonymous paragraph) in the template.
  - At this time, verbal informed consent is the best option during COVID.

I. Procedure for obtaining informed consent from subjects:

Zoom – you can share your screen or share a link to the document in Chat, review the content and ask for verbal consent.

Qualtrics – this is implied consent, they cannot sign anything or verbally agree. Their completion and submission of the survey is their consent.

XVIII. Attach a copy of the informed consent form, email, or script.

Student Investigator Agreement
In submitting this proposed project and signing below, I certify that: 1. I will conduct the classroom project involving human subjects as presented in the protocol and approved by my faculty supervisor; 2. I will report to my faculty any problems or injuries to subjects.
Dylan Hall 4/30/24 X_____ _____ Investigator Signature Date

Faculty Agreement for Student Investigators
I will supervise this student's research project and hereby confirm the research complies with best practices regarding the protection of human subjects.
X_____ _____ Faculty Advisor Signature Date

INFORMED CONSENT FORM

My name is _____, and I am a moderator at California State University, Chico, College of Engineering, Computer Science & Construction Management/ Department of Computer Science. You are invited to participate in a research study about music creation software.

If you volunteer, you will be asked to create things such as songs or sound clips, which will take about 30 minutes.

If you agree to participate, you can stop at any time. This study may expose you to minor risks, but they are not expected to be any greater than risks you experience in daily life. The benefit to this research will help make our software easier to use for customers while they produce music.

I intend to publish or present my results. You will not be identified in my results. I will protect your identity by: using an anonymized participation number. I will destroy the de-identified data at the end of this semester.

If you have any questions about the research, please contact me at dhall1@csuchico.edu, or Kevin Buffardi, kbuffardi@csuchico.edu

Your participation implies that you have read and understand this information and that you may stop at any time without penatly.

Signature_____ Date_____