BARNARD COLLEGE

Application for the Review of a Human Subjects Research Protocol Student as Principal Investigator

Project Title:	Technology Design Course Project for COMS BC 3364: Introduction to Contextual Design for Technology

Student Principal Investigator:

Name:			
Phone:		Email Address:	
Department:		Building & Room:	
Institution:	Barnard Columbia Other:		

Faculty Sponsor:

Name and highest degree:	Sarah Morrison-Smith, Ph.D.		
Office Phone:	(212) 853-0333	Department Phone:	
Email Address:	smorriso@barnard.edu	Facsimile Phone:	
Department:		Building & Room:	Milstein 512
Institution:	☑ Barnard Columbia Other:		

Performance Site(s):

Studies will be conducted over Zoom or Skype

To the Student: Use this worksheet in collaboration with your Academic or Project Advisor to document the research protocol and your preparation to conduct a project with human subjects.

Before submitting this form, a student investigator should complete the human subjects training module available at the CITI website (www.citiprogram.org). This module provides instruction in the standards of ethical conduct for researchers. By finishing this short course, you will receive a certificate which will be linked to your UNI at the Columbia University RASCAL site (www.rascal.columbia.edu), the University's research compliance and administration system. You must submit a copy of the certificate of compliance for human subjects research with this application.

For general guidelines on the ethical standards that govern research with human participants, academic advisors and students should refer to the Common Rule (The Basic Health and Human Services Policy for Protection of Human Research Subjects). This site is linked to Barnard's IRB FAQ page (www.barnard.edu/provost/research/irb/faqs).

To be completed by the Academic Advisor and the Student Principal Investigator

Describe the proposed project, including the research question, the subjects, the measures, and the potential findings.

The intent of the class project is to learn how to design technology that makes people's lives easier during the course of their everyday work day and to provide students with practical experience in applying topics discussed in the classroom. The research question is "how can we design technology to assist _____ in their everyday workflow." Subjects will be _____ . Measures will be determined by the students near the end of the project and will depend on the type of subjects and could include "does the user understand the system? Does the system seem to mesh with their expectations? Do subjects look puzzled or react with enthusiasm? How many errors does the user make? How long does it take for the user to complete a task?" etc.

Explain how the scope of the proposed project, including anticipated risks and benefits, is appropriate to student research.

This project will provide students with hands on experience with topics covered in class such as:

- Interviewing and observing users
- Identifying users' needs, characteristics, skills, and culture of practice
- Identifying cultural, physical, and practical constraints within which a system must operate
- Identifying key work practices and support tools/procedures
- Developing user environment designs
- Exploring the design space
- Working with low fidelity prototypes
- Evaluating your designs and performing evaluations of others' designs
- Refining the design to develop a final, high fidelity prototype

There are no risks posed to the participants above the risks they assume with their everyday work. Students will benefit from hands-on experience that will give them a better grasp of the concepts covered in class.

Describe the experience, training, or special preparation the student researcher brings to the project form relevant coursework or professional exposure.

By attending the course, the student researcher will gain the knowledge needed for conducting every stage of the research project outlined above.

No advisor should endorse a research project involving human subjects in which participants will be exposed to more than minimal risk. The Common Rule defines minimal risk as: "the probability and magnitude of harm or discomfort anticipated in the research are not greater in and of themselves than those ordinarily encountered in daily life or during the performance of routine physical or psychological examinations or tests."

All student research involving human subjects must include appropriate means of obtaining informed consent from research participants and must devise appropriate means of protecting the confidentiality of participant data.

Student Certification/Signature

As Principal Investigator of this study, I assure the Human Subjects Review Committee that:
The information that is provided in this form is correct. I will seek and obtain prior written approval from the IRB for any substantive modifications in the proposal, including changes in procedures, co-investigators, etc. I will promptly report any unexpected or otherwise significant adverse events that occur in the course of this study. I will report in writing any new findings that develop during the course of this study that may affect the risks and benefits to participation. I will not begin my research until I have received written notification of IRB approval. I will comply with all IRB requests to report on the status of the study. I will maintain records of this research according to IRB guidelines

Signature of Student	Year and Major Concentration	Date (mm/dd/yy)

STUDENT AS PRINCIPAL INVESTIGATOR

Faculty Certification/Signature

Student research requires the approval of an Academic Advisor.
As Academic Advisor to the Student Investigator, I assume responsibility for ensuring that the student complies with University and Federal Regulations regarding the participation of Human Subjects in research.

Signature of Faculty Sponsor	Title, Department	Date (mm/dd/yy)

Reviewer Certification/Signature

This research plan must be reviewed by one Barnard faculty member in addition to the student's advisor. By signing, the Reviewer indicates that the application meets the standard of ethical conduct of research with human subjects.

Signature of Faculty Reviewer	Title, Department	Date (mm/dd/yy)