

## Consent Form

# Virtual Lab (Vlab): Global Teams

### RESEARCH CONTACTS

**Principal Investigator:** Dr. Carrie Sturts Dossick, Associate Professor, Department of Construction Management, College of Built Environments, Box 351610, University of Washington, Seattle WA 98195-1610, Ph: XXX-XXXX, Email: XXXX@uw.edu

**Research Contact:** Dr. Laura Osburn, Research Associate, Department of Communication and Department of Construction Management, Box 351610, Seattle, WA 98195-1610, Ph XXX-XXXX, Email: XXXX@uw.edu

### CONSENT FOR STUDENTS

#### Researcher's Statement

We are asking you to be in a research study. The purpose of this consent form is to give you the information you will need to help you decide whether to be in the study or not. Please read the form carefully. You may ask questions about the purpose of the research, what we would ask you to do, the possible risks and benefits, your rights as a volunteer, and anything else about the research or this form that is not clear. When we have answered all of your questions, you can decide if you want to be in the study or not. This process is called "Informed consent." We will give you a copy of this form for your records.

**Commented [c1]:** 1. Statement that the study involves research.

#### PURPOSE OF THE STUDY

This research project studies collaboration in global virtual design teams working on construction planning projects in the classroom. This is an exploratory project that aims to investigate communication and social issues in 2D virtual team spaces (Sococo) and their impact on construction planning outcomes. You are being asked to participate in this project because you are a construction management or engineering student at the University of Washington and taking CM515 this winter quarter. To participate in the experiment you must be between 18 and 88 years of age.

**Commented [c2]:** 2. An explanation of the purposes of the research

#### STUDY PROCEDURES

During this class you worked together with students from Indian Institute of Technology Madras (IIT) in virtual teams to complete two projects. The first project consisted of completing a Construction Schedule and integration of IIT's Revit model and baseline schedule to develop a 4D model in Navisworks, and the second project consisted of completing a BIM Execution and then a 4D model in Navisworks in collaboration with IIT. You worked in a 2D virtual working environment called Sococo to collaborate with your teams.

For the research project, we would like to collect your student project work (final presentations and classroom deliverables detailed in the course description) as data. We also distributed to you feedback survey at the end of each of the two class projects to better understand how often you had team meetings, what you enjoyed during collaboration, and what difficulties you encountered during collaboration. We would also like to collect these surveys as a part of our research data set. These assignments and survey data will not be shared beyond the University of Washington research team.

**Commented [c3]:** 3. An explanation of the expected duration of the subject's participation

**Commented [c4]:** 4. A description of the procedures to be followed

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Just as with any other course we teach here at the University, we will address withdrawal on a case by case basis. If you are taking the class as an elective, you are welcome to drop the class at any time. If you want to continue with the class, but want to drop out of the research study, we will immediately delete all data related to your team and your team will be removed from the study (as it would be impossible to remove an individual from the analysis). If you are unable to withdraw because you need the class to graduate from the program, we will remove your team from the study, immediately destroying any data associated with you, while you complete the class activities. Withdrawal from the study, but remaining in the class, would not affect your grade in the class, your reputation in the university or the industry.

**Commented [c5]:** 5. Anticipated circumstances under which the subject's participation may be terminated by the researcher without regard to the subject's consent. (ADDITIONAL ELEMENT)

**Commented [c6]:** 6. The consequences of a subject's decision to withdraw from the research. (ADDITIONAL ELEMENT)

### RISKS, STRESS, OR DISCOMFORT

As this study takes place in the classroom, you may feel pressured to participate in the research. Please note that this study is voluntary and you may refuse to participate or withdraw at any time without any penalty. Refusing to participate or withdrawing from the research will not affect your ability to complete this course. We will also have a third party collecting signed consent forms on the last day of class. This person will place all consent forms in a sealed envelope and your professor will not view these forms until after grades for the class have been submitted.

Any information collected during this study that can identify you by name will be kept confidential. We will do everything we can to keep your data secure, however, complete confidentiality cannot be promised. Despite all our efforts, unanticipated problems, such as a stolen computer, may occur. More information about data confidentiality is below.

**Commented [c7]:** 7. A description of any reasonably foreseeable risks or discomforts to the subject

### DATA CONFIDENTIALITY AND OTHER INFORMATION

Digital data (such as digitally submitted coursework) will be kept in password protected computers. Any paper assignments will be kept in a locked filing cabinet. The names on your assignments will be coded. The key to the code linking you to this data will also be kept for a period not longer than 3 years starting from the last date of winter quarter, 2016. Access to your research data will be limited to Prof. Carrie Dossick and her research team.

Please note that data from this study may be used to compare to data we may obtain on future research using the same type of experiment.

**Commented [c8]:** 8. A statement describing the extent, if any, to which confidentiality of records identifying the subject will be maintained

**Commented [c9]:** 9. A statement that participation is voluntary

Participating in this research is voluntary. You may refuse to participate or withdraw from the study at any time without any penalty or loss of benefits to which you are entitled. If you have any questions or concerns later about the study, you can ask Prof. Dossick or her research contact, Laura Osburn (listed above). If you have any questions about your rights as a subject, you can call the Human Subjects Division at (206) 543-0098.

**Commented [c10]:** 10. A statement that refusal to participate will involve no penalty or loss of benefits to which the subject is otherwise entitled.

11. A statement that the subject may discontinue participation at any time without penalty or loss of benefits to which the subject is otherwise entitled.

**Commented [c11]:** 12. An explanation of how to contact the research team for questions, concerns, or complaints about the research.

**Commented [c12]:** 13. An explanation of how to contact someone independent of the research team for questions, concerns or complaints about the research, questions about the subject's right to obtain information, or to offer input.

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Printed name of study staff obtaining consent      Signature

Date

## Consent Form

### Subject's statement

This study has been explained to me. I volunteer to take part in this research. I give the researchers permission use my assignments as data as described in the above consent form. I have had a chance to ask questions. If I have any questions or concerns later about the study, I can ask Prof. Dossick. If I have any questions about my rights as a subject, I can call the Human Subjects Division at (206) 543-0098.

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Subject's Name

Subject's Signature

Date