**CONSENT TO PARTICIPATE IN**

**NON-BIOMEDICAL RESEARCH**

Video Lecture Summarization

You are asked to participate in a research study conducted by Hijung Shin, Ph.D. candidate, from the Electrical Engineering and Computer Science (EECS) department at the Massachusetts Institute of Technology (M.I.T.)*.* The result of this study will be contributed to Hijung Shin’s Ph.D. dissertation. You were selected as a possible participant in this study because you are a student, and you indicated interest by responding to our recruitment announcement. You should read the information below, and ask questions about anything you do not understand, before deciding whether or not to participate.

** PARTICIPATION AND WITHDRAWAL**

Your participation in this study is completely voluntary and you are free to choose whether to be in it or not. If you choose to be in this study, you may subsequently withdraw from it at any time without penalty or consequences of any kind. The investigator may withdraw you from this research if circumstances arise which warrant doing so.

** PURPOSE OF THE STUDY**

The purpose of this study is to evaluate the effectiveness of static and interactive summaries of video lectures generated by our software. We hypothesize that different students and learning tasks can benefit from different modes of presentation (e.g. video, static, interactive summary). The study will compare how different presentation of lectures affect student performance on learning-related tasks.

** PROCEDURES**

If you volunteer to participate in this study, we would ask you to do the following things:

1. Pre-test: You will be asked to solve a number of problems related to the subject you will learn. (10 min)
2. Learning: You will be asked to either watch a video lecture or engage with a summary of the lecture created by our tool to learn about a specific subject. (20 minutes)
3. Post-test: You will be asked to solve a number of problems related to the subject you learned. (10min)
4. Questionnaire: You will be asked to fill out a questionnaire about your learning experience. (5min)

The listed times are estimated times. You may be asked to repeat the process (maximum twice) with a different subject for each time. We estimate a total participation time of 1.5 hours.

** POTENTIAL RISKS AND DISCOMFORTS**

We do not expect any significant risk, discomfort or inconveniences for participating in this study.

** POTENTIAL BENEFITS**

By participating in this study, you may gain knowledge about a specific subject by watching a lecture video, or engaging with a summary of the lecture. There is no other direct benefit to you anticipated from participating in this study. However, it is hoped that the information gained from the study will help researchers to better understand student interaction with online educational content and help design improved educational content and navigation tools.

** PAYMENT FOR PARTICIPATION**

You will note be paid for taking part in this study.

** CONFIDENTIALITY**

Any information that is obtained in connection with this study and that can be identified with you will remain confidential and will be disclosed only with your permission or as required by law.

The data from the pre-tests, post-tests and questionnaires will be collected anonymously. They will be accessible only to the investigators of the study. The data will be reported as a statistics, and individual data will not be published.

If other use of individual data is required, we will contact you individually to obtain permission.

** IDENTIFICATION OF INVESTIGATORS**

If you have any questions or concerns about the research, please feel free to contact

Hijung Shin: Principal Investigator

CSAIL EECS

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Fredo Durand: Faculty Sponsor

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** EMERGENCY CARE AND COMPENSATION FOR INJURY**

If you feel you have suffered an injury, which may include emotional trauma, as a result of participating in this study, please contact the person in charge of the study as soon as possible.

In the event you suffer such an injury, M.I.T. may provide itself, or arrange for the provision of, emergency transport or medical treatment, including emergency treatment and follow-up care, as needed, or reimbursement for such medical services. M.I.T. does not provide any other form of compensation for injury. In any case, neither the offer to provide medical assistance, nor the actual provision of medical services shall be considered an admission of fault or acceptance of liability. Questions regarding this policy may be directed to MIT’s Insurance Office, (617) 253-2823. Your insurance carrier may be billed for the cost of emergency transport or medical treatment, if such services are determined not to be directly related to your participation in this study.

** RIGHTS OF RESEARCH SUBJECTS**

You are not waiving any legal claims, rights or remedies because of your participation in this research study. If you feel you have been treated unfairly, or you have questions regarding your rights as a research subject, you may contact the Chairman of the Committee on the Use of Humans as Experimental Subjects, M.I.T., Room E25-143B, 77 Massachusetts Ave, Cambridge, MA 02139, phone 1-617-253 6787.

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| **SIGNATURE OF RESEARCH SUBJECT OR LEGAL REPRESENTATIVE** |

I understand the procedures described above. My questions have been answered to my satisfaction, and I agree to participate in this study. I have been given a copy of this form.

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Name of Subject

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Name of Legal Representative (if applicable)

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Signature of Subject or Legal Representative Date

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| **SIGNATURE OF INVESTIGATOR** |

In my judgment the subject is voluntarily and knowingly giving informed consent and possesses the legal capacity to give informed consent to participate in this research study.

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Signature of Investigator Date