

CONSENT DOCUMENT FOR ENROLLING ADULT PARTICIPANTS IN A RESEARCH STUDY

Georgia Institute of Technology

Project Title: Interacting with Graph Visualization

Investigators: Duen Horng Chau, Ph.D. (PI), Dezhi Fang, Robert Matthew Keezer, Siwei Li

Protocol and Consent Title: Interacting with Graph Visualization

You are being asked to be a volunteer in a research study.

Purpose:

The purpose of this study is to investigate usability issues and how people interact with graph visualization.

Exclusion/Inclusion Criteria:

Participants need to be over 18 years old (includes 18 years old) and are currently enrolled students at Georgia Tech who are also enrolled in the course CSE 6242. Participants must be English speakers to understand and respond to questionnaires and execute the experiment.

Procedures:

After reading this consent form, you will complete a sequence of tasks involving interactions with a provided graph visualization software (at <http://poloclub.gatech.edu/argo/>). When you finish using the software, you will be presented with an exit questionnaire functioning as a survey of your experience. The total amount of time you will contribute to this user study is no more than 40 minutes. Remember, you may stop at any time.

Benefits:

The benefits include you having an immersive experience with state-of-art graph visualization technology and helping to enhance the capability of interactive graph visualization technologies. We strive to make graph visualization more interactive and intuitive. However the study may not benefit the subjects directly.

Compensation:

All students in CSE 6242 / CX 4242 will be rewarded 5 bonus points on top of the 130 points for the assignment HW 3. You will receive the bonus points regardless of participation in this study.

Risks or Discomforts:

The risks are no more than the minimal. There's no known risk or discomfort that can be caused by interactive graph visualization. You can stop the experiment at any time, should you experience any discomfort.

Confidentiality:

The following procedures will be followed to keep your personal information confidential in this study: The data that is collected about you will be kept private to the extent required by law. To protect your privacy, your records will be kept under a code number rather than by name. Your records will be kept in a locked enclosure in a secure room that only the researchers could access. Your name and any other fact that might point to you will not appear when results of this study are presented or published. Your privacy will be protected to the extent allowed by law. To make sure that this research is being carried out in the proper way, the Georgia Institute of Technology IRB may review study records. The Office of Human Research Protections may also look over study records during

required reviews. Three years after the study completion, all paper records will be destroyed by shredding, and all digital data will be securely erased.

Costs to You:

There are no costs to you, other than your time, for being in this study.

In Case of Injury/Harm:

If you are injured as a result of being in this study, please contact Duen Horng Chau, Ph.D., at telephone (404) 385-7682. Neither the Principal Investigator nor Georgia Institute of Technology has made provision for payment of costs associated with any injury resulting from participation in this study.

Participant Rights:

- Your participation in this study is voluntary. You do not have to be in this study if you don't want to be.
- You have the right to change your mind and leave the study at any time without giving any reason and without penalty.
- Any new information that may make you change your mind about being in this study will be given to you.
- You can print or save a copy of this consent form to keep.
- You do not waive any of your legal rights by agreeing to this consent form.

Questions about the Study:

If you have any questions about the study, you may contact Dr. Duen Horng Chau at telephone (404) 385-7682 or polo@gatech.edu.

Questions about Your Rights as a Research Participant:

If you have any questions about your rights as a research participant, you may contact

Ms. Melanie Clark, Georgia Institute of Technology
Office of Research Integrity Assurance, at (404) 894-6942.

Your completion of this study provides your consent to participation.