

CONSENT FORM

Project Title: Flowchart Visualization

Key Information

- **Voluntary Participation:** Consent is being sought for research purposes, and participation is voluntary.
- **Location:** In order to participate in the study, you must be physically located in the United States at the time of participation.
- **Purpose:** To analyze how people use visualization in LLM agent development and find out which visualization design best supports those tasks.
- **Procedures:** You will interact with visualizations and answer survey questions.
- **Duration:** Approximately 10 minutes (Survey) OR 30 minutes (Online Study).
- **Risks:** Minimal risks such as eye strain or fatigue.
- **Compensation:**
 - **Online Study:** \$12/hour (via Prolific).
 - **Survey:** Entry into a drawing for \$10 (10 participants selected).
 - *Note:* Compensation is not provided if you withdraw early.

What Am I Being Asked To Do? You are being asked to be a volunteer in a research study. This page will give you key information to help you decide if you would like to participate. Your participation is voluntary. As you read, please feel free to ask any questions you may have about the research.

What Is This Study About and What Procedures Will You Be Asked to Follow? The purpose of this study is to analyze how people use visualization in Large Language Model (LLM) agent development and to determine which visualization design best supports those tasks.

If you decide to be in this study, your part will involve interacting with a visualization interface and answering survey questions about your experience.

- **Interview Group:** Your participation will take approximately **60 minutes**.
- **Online Study Group:** Your participation will take approximately **30 minutes**.

Are There Any Risks or Discomforts You Might Experience by Being in this Study?

The risks involved are no greater than those involved in daily activities such as using a computer. You may experience minor eye strain or fatigue from looking at the screen; however, you are allowed to take breaks as needed to minimize this discomfort.

What Are the Reasons You Might Want to Volunteer For This Study? You are not likely to benefit in any way from joining this study. However, your participation may assist researchers in understanding how to better design visualizations for LLM development.

Compensation to You

- **If you are in the Interview Group:** You will be compensated **\$12** for your participation.
- **If you are in the Online Study (Prolific):** You will be compensated at a rate of **\$12 per hour** for your time and effort.

Please note that full compensation will not be given to those who withdraw early or do not complete the study.

Confidentiality The following procedures will be followed to keep your personal information confidential in this study: We will comply with any applicable laws and regulations regarding confidentiality. To protect your privacy, your records will be kept under a code number rather than by name. Your records will be kept in locked files, and unless you give specific consent otherwise, only study staff will be allowed to look at them. Your name and any other fact that might point to you will not appear when the results of this study are presented or published.

You should be aware that the experiment is not being run from a 'secure' https server of the kind typically used to handle credit card transactions, so there is a small possibility that responses could be viewed by unauthorized third parties, such as computer hackers. In general, the web page software will log as header lines the IP address of the machine you use to access this page, but otherwise, no other information will be stored unless you explicitly enter it.

The Georgia Institute of Technology IRB and the Office of Human Research Protections may review study records during required reviews.

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

Questions about the Study: If you have any questions about the study, you may contact Minsuk Chang at minsuk@gatech.edu. If you have any questions about your rights as a research subject, you may contact the Georgia Institute of Technology Office of Research Integrity Assurance at IRB@gatech.edu.

By clicking 'Continue' or 'I Agree', you are consenting to be in the study.