Informed Consent

You are being asked to take part in a research study to probe the usability of a data sonification. Please read this form carefully and ask any questions you may have before agreeing to take part in the study.

What the study is about: The purpose of this study is to figure out a certain design approach could improve the usability of data sonification. You must be 18 years old and have a high school or above education level to participate such research.

What we will ask you to do: If you agree to take part in this study, we will have a few tasks for you to complete. Note that in these tasks, it is the design approaches being tested, not your ability of doing anything. You will be provided with about some data charts, some of them are visualized, some of them are sonified, and you will be given certain time to look and listen to them. After each data charted probed, you will be given a dotted paper and a pencil, and you will be asked to draw down the data chart as best as you can on the paper.

**Risks and benefits:**

I do not anticipate any risks to you participating in this study other than those encountered in day-to-day life. Exposure to certain kind of noise have its health risk, but we are only using sounds in a quite safe range. However, if you feel uncomfortable of any kind during the experiment, please notify the investigator immediately.

The potential benefits to you is that if these serials of design works, a new way to represent data chart could be proposed, and maybe applied to situations when users can’t looking at a visualized data chart but still require the data information.

Compensation: Every participant will receive a $10 Walmart / Amazon gift card.

Your identity will be confidential. The records of this study will be kept private. In any sort of report we make public we will not include any information that will make it possible to identify you. Research records will be kept in a locked file; only the researchers will have access to the records.

Taking part in this study is completely voluntary. If you decide to take part but change your mind later, you are free to withdraw at any time. If you decide not to take part or to skip some of the questions, it will not affect your current or future relationship with the investigator, the GCCIS, nor the RIT.

If you have any question, the researchers conducting this study are Shuishi Fang and Professor Kristen Shinohara. Please ask any questions you have now. If you have questions later, you may contact Shuishi Fang at sf8859@rit.edu. If you have any questions or concerns regarding your rights as a subject in this study, you may contact the Institutional Review Board (IRB) at (585) 475-7673 or access their website at <https://www.rit.edu/research/hsro/>. You may also report your concerns or complaints anonymously to RIT IRB office through hmfsrs@rit.edu

or (585) 475-7673.

You will be given a copy of this form to keep for your records.

**Statement of Consent:**

I have read the above information, and have received answers to any questions I asked. I consent to take part in the study.

Your Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Your Name (printed) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In addition to agreeing to participate, I also consent to have the interview tape-recorded.

Your Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of person obtaining consent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Printed name of person obtaining consent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This consent form will be kept by the researcher for at least three years beyond the end of the study.

The title of the study should appear at the top of every page.