

Georgia Institute of Technology

Project Title: User evaluation of an energy management interface

Investigators: Dr. Melody Moore Jackson, Jiasheng He, Ray Stanley, Taejung Yun

Research Consent Form

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

Purpose

We are developing a new interface that is designed to help people reduce energy consumption in the home. We want to find out what type of interface beyond the typical thermostat can facilitate the reduction of energy consumption. To do this, we want your feedback on preferences regarding the interface so that we may evaluate and improve it.

Procedures

As a participant in this study, you would be asked to

- (1) Tell us about your attitudes towards energy consumption,
- (2) Tell us about your current energy management practices,
- (3) Tell us about what types of information would help you better manage energy consumption,
- (4) Interact with an interface and indicate your experience with it.

Overall, your time commitment to this study should be no more than two hours. With your permission, the interview portion of this study will be audio taped.

Foreseeable Risks or Discomforts

This study is expected to involve no more than minimal risks associated with conversing with a person and interacting with a touchscreen.

Benefits

You are not likely to benefit directly from joining this study. However, we hope that other people who would use an energy consumption interface in the home will benefit from what we find in this study.

Compensation to You

You will not be compensated for this study in any way.

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 allowed 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 locked files and 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 results of this study are presented or published. With your permission, the interview portion of this study will be audio taped. All audio tapes will be stored in locked files and destroyed at the end of the study. Only

study staff will have access to the tapes. 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 at study records.

Costs to You

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

In Case of Injury/Harm

If you are injured as a result of being in this study, please contact Dr. Melody Moore Jackson at (404) 385-7510. Neither the Principal Investigator nor Georgia Institute of Technology have made provisions for payment of costs associated with any injury resulting from participation in this study.

Subject 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 will be given a copy of this consent form to keep.
- . You do not waive any of your legal rights by signing this consent form.

Questions about the Study or Your Rights as a Research Subject

If you have any questions about the study, you may contact Dr. Melody Moore Jackson at (404) 385-7510. If you have any questions about your rights as a research subject, you may contact Ms. Melanie Clark, Georgia Institute of Technology at (404) 894-6942. If you sign below, it means that you have read (or have had read to you) the information given in this consent form, and you would like to be a volunteer in this study.

Subject Name Subject Signature Date

Signature of Person Obtaining Consent Date