**Usability Test- Moderator’s Script**

Nervil Anor, Tushar Sroya – Group (Tushar) Founders

# Introductions

Hello, it’s nice to meet you, we are Group (Tushar) and our names are Nervil and Tushar. What’s your name?

# Objective

Today we are going to be able to use some pre-release software for uhome. This software is still in its early stages and is not completely functionable as we are only testing it as of this moment to evaluate its usability. We expect users alike to you to use this product, so we would like you to be one of our representative users. With your participation, we will be able to understand where we can improve, and where our product shines in usability and design. You will be asked to do three tasks that incorporate our functional goals within them, these are done through interacting with the various elements that provide a home automation service to the user. The data that we are going to collect is how long it takes them to find the correct path to reach the goal of each task, how many errors do they make per task, how many times the same error is achieved. The other form of data we are collecting is how the user feels with the interface’s layout. Their overall demeanor and emotional reaction to the interface (angry, confused, hesitation). Do they speak out on their confusion? With this data, we are going to keep it within the development line and are only going to use it between our development team to pursue an interface that the users want rather than have a system-centered design. This data will be destroyed after the public release of the application, as we will get user feedback from everyday users at that point.

# Permission to Record

In the context of this research we will ask you to perform certain tasks as well as acquire information about you. In particular we will need your name, signature, and date of birth so that we can move on to the next step.

Here is the consent form detailing these. We ask that you read it carefully and if you have no questions sign as indicated.

# Not Testing You

Please remember, we are NOT TESTING YOU nor your abilities.

# General Instructions:

Your job here today is to “test drive” our software by attempting to complete some typical tasks.

When we begin, I’d first like you to read the task out loud. Then tell me when you are ready to start each task. When you are finished, you will let me know by raising your hand. While you are performing the task, we would like you to think out loud. Let me demonstrate this with a stapler.

The tasks are described on the Participant instructions.

**Do you have any questions?**

**Check notetaker is ready**

# Tasks

**Please read the paragraph called Overall Scenario OUT LOUD**

**Overall Scenario**

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| You are Nervil Anor, and you live with a friend named Tushar Sroya. You are a consumer of smart home devices and want to be able to control them in your house.  You need to do these tasks to know how to both maintain and control your collection of home devices. |

**Do you have any questions?**

**Let’s begin: please read task 1 out loud, and tell me when you are ready to start. When you are finished, raise your hand. And please remember to think out loud as you perform the task.**

## Task 1

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| You have logged into the application and have navigated to the home screen, you would like to set a timer on your lights in your bedroom so that you can leave the house and save energy.  To do this task the data needed is simply how much time you would like to set for the lights.   1. Task question 1: How long would you like to set a timer for your lights? 2. Task question 2: Do you want to set the timer in half hour increments or in full hours? |
| **Click Path:**  Starting Link/Page:   1. User starts on the HOME screen which shows all devices and groups. 2. They then click on Tushar’s bedroom group icon (the lightbulb icon), and then are greeted by a page containing all lights in the group, lighting functions, and a turn off timer. 3. Set the desired time within the timer, and press done. 4. The user interface is then updated to show the condition set on the bedroom lights on the home page.    * Answer to Q1: You would like to set a timer for a number from 30 minutes to 2 hours and 30 minutes.    * Answer to Q2: You can set a timer for either or. |

## Task 2

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| Next you want to create a group for your devices in your living room so that you can control them simultaneously and have more efficiency in controlling devices within your household.  The data needed to do this task is the Group name, the category of the group. and the devices that will compose the group.     1. Task question 1: What would you like to name your group? 2. Task question 2: Which category would you need to use for this task? |
| **Click Path:**  Starting Link/Page:   1. User starts on the HOME screen 2. User clicks the “Make a device group” icon either by the “Daily Outlook” section or “Groups” section. 3. User sets the name Living Room Lights for the device group 4. User chooses Lights category for the device group 5. User chooses the lights in order from Living Room Ceiling Light, Living Room Lamp1-4. 6. Lastly, User clicks done    * Answer to Q1: A sensible name for the group being made - “Living Room Lights” for lights in the living room.    * Answer to Q2: Select the category of the devices you want to group. in this case - “Lights” |

## Task 3

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| Now you want to change the home data graphs from pie graphs to bar graphs for easier and better quantitative analysis.  To do this task, the interface requires you to modify the preferences of the home data app.   1. Task question 1: What type of graph would you prefer to view your data in? |
| **Click Path:**  Starting Link/Page:   1. The user starts on the HOME screen and would press the home data button under the daily outlook category. 2. They are then greeted with data pertaining to allocated groups within the house that they live in. They then press the settings button (the gear icon) to modify the appearance of the home data section. 3. They then choose the bar graph type from the drop-down list within the settings 4. Then the back button near the uhome button should be pressed to confirm their changes.    * Answer to Q1: As a bar graph. |

# Overall/Final Questions

Shown within another file under the name SUS\_Questionnaire\_Group (Tushar).docx

# Closure

Do you have any questions for me?

Thank you very much for your time today.

Your incentive would be receiving a google home mini for participating in this usability study.

**Turn off the video camera.**