Test Script

Introduction:

        Hi, my name is _____ . I'm a member of an Iowa State Engineering Senior Design group. Today we're here to evaluate a touch screen interface to collect data and user feedback. We're going to be testing it by going through a few tasks. But first, please sign the informed consent document.

<informed consent>

Background:

        Our task was to create touchscreen interfaces for household appliance controls. These prototypes would take the place of traditional manual controls on your **<Washing Machine / Thermostat>**. Instead of this **[show picture]**, the touchscreen would be here. **[point to buttons]**

While accomplishing the tasks, please imagine that these tablets control a real <**washing machine/thermostat>.**

[Display tablet]

We will ask you to perform 5 or 6 tasks and will be taking notes and recording data as we go. If you need any instructions repeated, please ask. After all of the tasks, we'll ask you a few final questions. Do you have any questions before we begin?

Washer Tasks:

Task 1:   Start a cotton wash cycle with a medium sized load, medium soil level and no

        steam.

Task 2:   Cancel the current wash cycle.

Task 3:   Find out how to remove a nail polish stain from washable fabric

Task 4:   Find out how to level the washing machine

Task 5:   Return to the main screen **[wait]**. Start a custom wash cycle with the

        following settings: presoak, hot wash temperature, high agitation level, and xsmall load size.

Task 6:   Check the high temperatures for the upcoming weekend.

HVAC Tasks:

Task 1: Turn up thermostat temperature by 5 degrees, turn heat on, and set fan to

auto.

Task 2: Check detailed weather 5 days from today

Task 3: Set the schedule for a day

(3a) Set an off state between 2:00 AM to 6:00 AM.

(3b) Set a heat state between 6:00 AM to 12:00PM.

(3c) Set a cooling state that is energy efficient between 12:00PM to 10:00 PM.

**(Jump in when the user has correctly set a time period, let them know they can move onto the next task)

Task 4: View monthly energy consumption

Task 5: Change zip code to your hometown's zip code.

Task 6:Return to main screen and refresh the weather.

[After the final task]

- Please, rate your experience with this product: Did you find it: Very Easy, Easy, Neutral, Difficult, or Very Difficult?
- Did you find this experience: Enjoyable, Satisfactory, Neutral, Not Enjoyable, or Frustrating?
- Did the product behave as you expect a Washer / HVAC (circle one) to behave? Please explain.
- What did you like about the product?
- What did you dislike about the product?
- What would you improve?
- What features would you like to have in the product?

Thank you for participating today!