Interaction Technology – Assignment 1 – Toilet Refresher

**Study design**

**Participants**

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**Apparatus**

1x Arduino (Stickuino)

1x USB FTDI serial adapter board

1x Micro USB cable

1x Breadboard, full size

Approx. 50x Male-male jumpers

Approx. 40x Male-Female jumpers

1x LCD display

1x Ultrasonic distance sensor

1x Motion sensor

1x Light sensor

1x Temperature sensor

1x Magnetic contact sensor

3x Push button

1x RGB LED

1x Mosfet

4x Resistor 220 Ohm

4x Resistor 10K Ohm

1x Variable resistor

1x AirWick freshmatic

1x Cardboard box

Black paint

Tape

Scissor

3x Blank white sticker

Pen

**Data collection**

**Data analysis**

**Procedure**

**Results**

**Discussion**

**Summary of the results**

**Interpretation of the results**

**Implications for future toilet freshener systems**