

Digital Logic and Computer Design Notes

Phase 1:

Day 1 (August 30, 2022): Project brainstorming

Some Ideas:

1. Humidifier sensor (If the air is too dry or moist)
2. Location/GPS sensor (Sensor inside of a jewelry to determine location)
3. Muscle sensor (Creating a game on the website and using your hands as controllers)
4. M









Equipment needed

Some Ideas (example projects)

(products for humidifier idea)

Add \$7.25 to your order and get a free [Adafruit Perma-Proto Half-sized Breadboard PCB](#)

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Item	Price	Qty	Remove	Total
 Adafruit Sensirion SHT40 Temperature & Humidity Sensor - STEMMA QT / Qwiic PID: 4885	\$5.95	1		\$5.95
 Adafruit FeatherWing OLED - 128x64 OLED Add-on For Feather - STEMMA QT / Qwiic PID: 4650	\$14.95	1		\$14.95
 STEMMA QT / Qwiic JST SH 4-pin to Premium Male Headers Cable - 150mm Long --- QT to Male Headers - 150mm Long --- PID: 4209	\$0.95	1		\$0.95
 Adafruit Perma-Proto Half-sized Breadboard PCB - Single PID: 1609	\$4.50	1		\$4.50
Enter gift certificate or discount code				Subtotal \$26.35

- <https://youtu.be/GGua6Dc0fVs>
- https://youtu.be/SE6vut7nl_4
- <https://youtu.be/kiBbRU5rwQc>
- [Adafruit Trellis - Open source backlight keypad driver system - YouTube](#) (Light up Keypad)
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Phase 2:

- ☐ Create a website
- ☐ Reconstruct model

☐ Polish design