Consonant Keyboard

DESCRIPTION

The Consonant keyboard is a normal keyboard, but only has keys for consonants (plus a space bar!). When you press the spacebar, the letters you've typed are uploaded to GPT-3, which predicts the word you intended to type and displays the result

GOALS

- Have a 20 key keyboard (no vowels) that uses a map of consonant letters to store inputs presses
- Have an additional key that takes inputs and sends it to GPT-3 using APIs
- Results from GPT-3 are received and outputted using USB HID
- Keyboard is able to be plugged into any computer and work successfully

Current state

- Able to get word completions from GPT-3 API on Arduino via Glitch web app
- Proof of concept button matrix created and verified

Remaining work

- Build full keyboard
- Integrate subsystems
- Testing!