

Date:	4/22/2022
Project Title:	BreadBoard Flip 4
Team Members (indicate who is present at Check-In):	Brock Bye, Gianni Guadagno, Andrew Echlin

Do you have all your hardware in hand?

Yes / No

List the sensors and actuators you plan on using here and list the basic functions you've managed to get working for each.

- Push Buttons
 - Success in initiating multiple button presses to perform certain tasks i.e display different messages on lcd screen.
- LCD display
 - Full functionality in displaying words.
- LED
 - Some success in coding and wiring multiple LED's
- Speaker
 - Success in playing music, success in playing advanced songs.

Your project should be developed in stages of increasing complexity. What features are working? What features do you hope to implement before the IoT Show (stretch goals)?

- Working:
 - The current working features are: 4 push buttons , LCD display, Advanced speaker songs using 3 speakers and basic RGB LED lighting.
 - Able to use buttons to change display on LCD
- Hopefuls:
 - 3 advanced songs that can be played off of 3 speakers. (Currently only have one song
 - Up to 20 working LEDs to light up while the song is playing.
 - Be able to track how many times each song is played and send an email recording the numbers, or link it to a spreadsheet with data.
 - Integrating all parts together. The buttons and LCD with the music.
 - Using IFTTT to send an email after a session is finished.

TA Initials: _____