

ENGI 301

Candy Game Box PCB Proposal

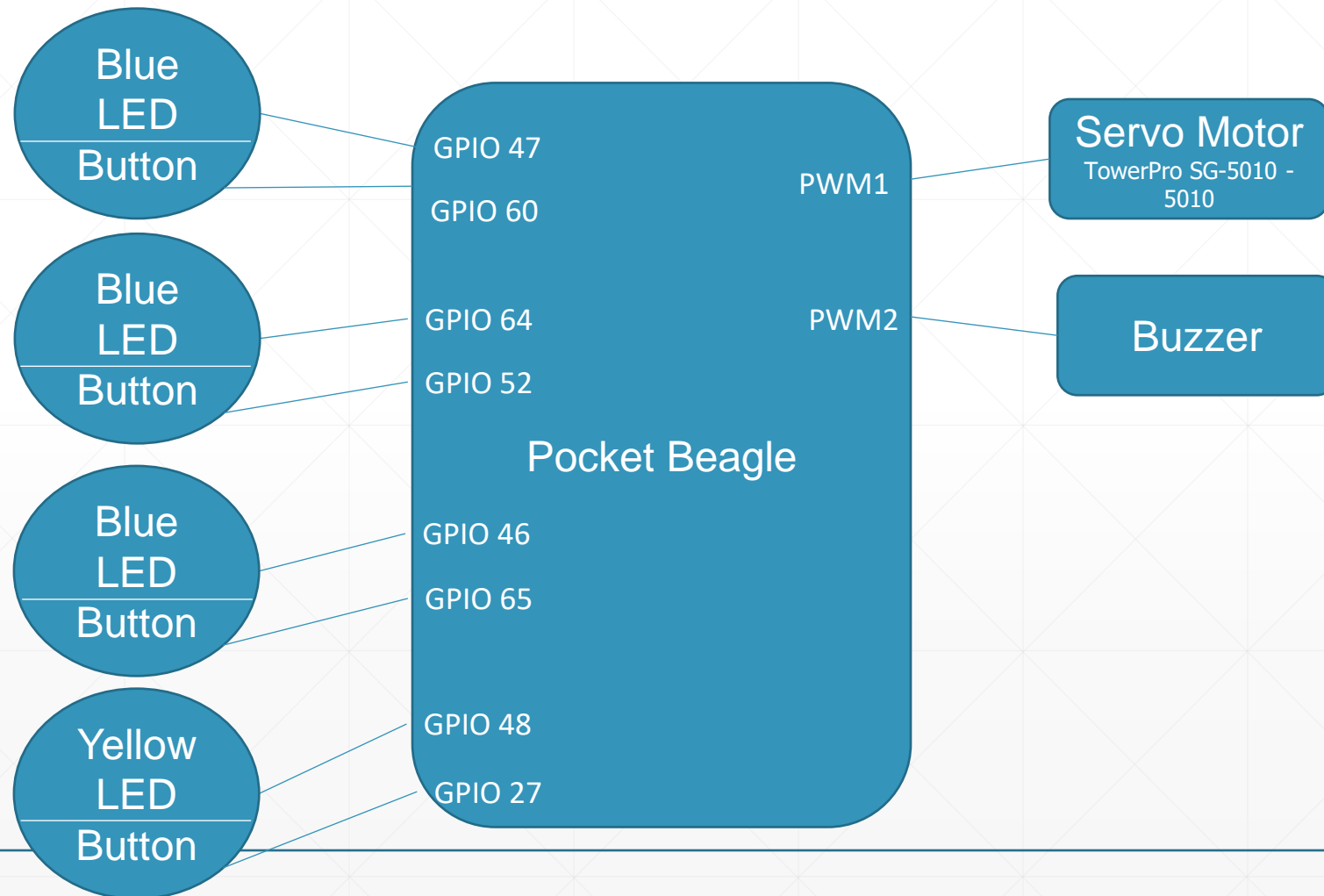
11/16/21
Jessica Kies



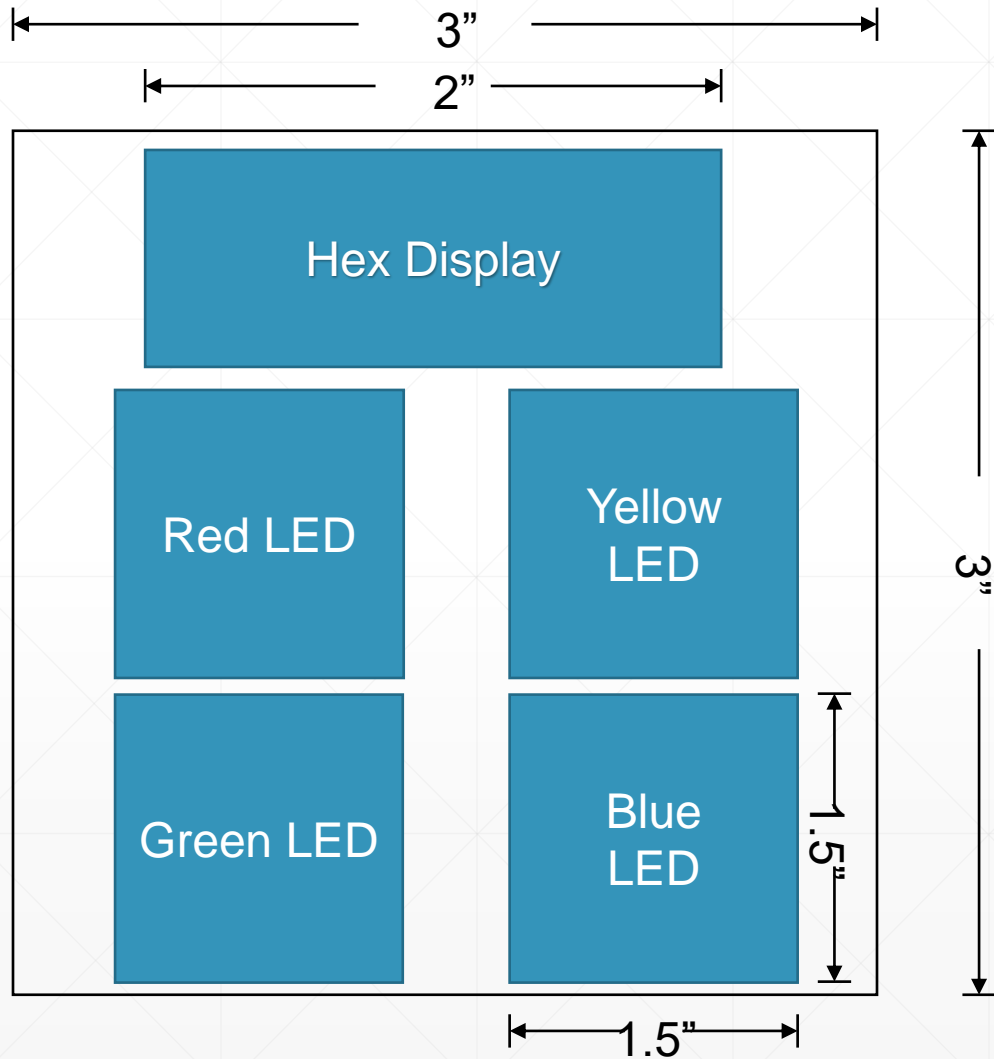
Background Information

The purpose of this is to create a printed circuit board that works with the candy game box created in project 1. No changes are going to be made to the prototype. More information can be found on the [github](#) and [hackster.io](#) pages for the prototype.

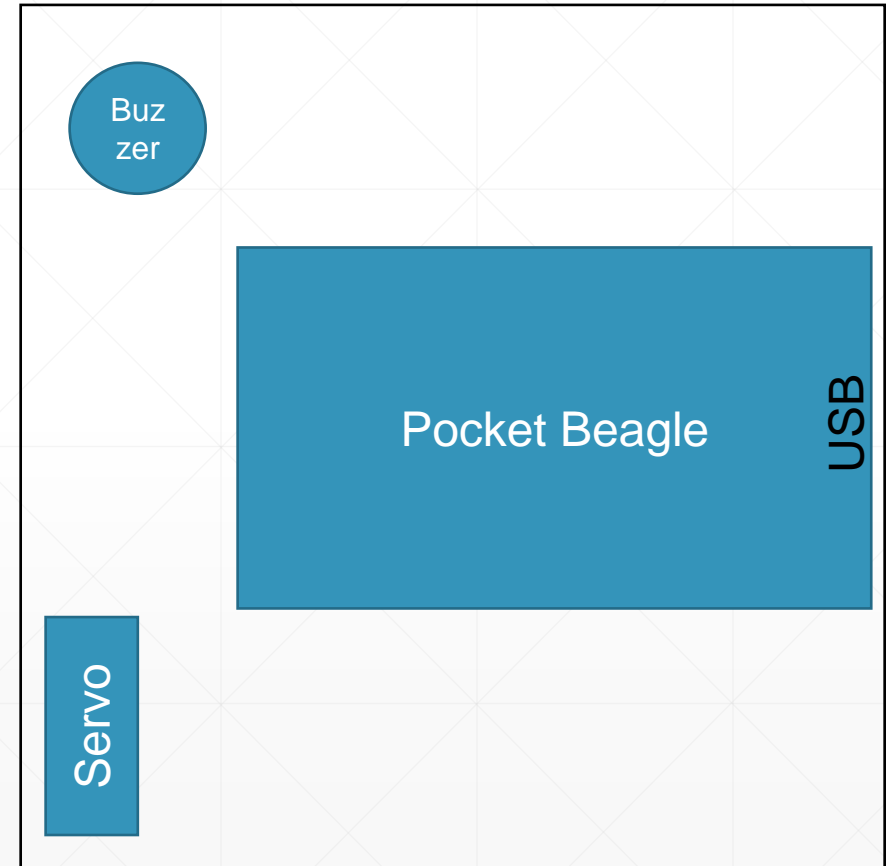
System Block Diagram



Mechanical Block Diagram



FRONT



BACK

Components Required

- Below is the list of components required for the PCB
 - Pocket Beagle
 - Transistor
 - Buzzer
 - Green LED Button
 - Red LED Button
 - Blue LED Button
 - Yellow LED Button
 - Hex Display
 - Servo Motor
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