

Clicky Blinkers

Game Description & Rules

Color and sound memorization game where you have to remember the pattern of lights combined with sounds (similar to simon says). There are 2 buttons corresponding to a sound and light (so that those who may be hard of hearing or cannot see the colors clearly will also be able to play). After each level, there will be a tracker clarifying what level you're on. If a level is passed, the player would level up. If a level is failed, they can continue to play up to three times. If they continue to fail with a tracker of three times total failures, the game will restart and the switch will have to be flipped to start the game again.

User Inputs/Outputs Definition Sheet

Outputs:

Lights - shows certain colors depending on what is happening during the game

Sound - Makes a low or high pitch depending on what button needs to be pressed (there will basically only be 2 noises coming out)

Serial Monitor - prints the level the player is on

Inputs:

Left & Right Buttons - will determine if the person has pressed the right button corresponding to the sound & color that has been presented.

Switch: turns on/off the game

