

Solo project idea

My solo project idea is to implement a simple “Simon says” game using buttons and LEDs. The game will have multiple levels (like 3-4-5 maybe).

We will have 3 buttons and 3 LEDs which will blink up in some order some times. The user will have to press the buttons in the same order as the LEDs in order to replay the same configuration. If the order was wrong, we will have the LEDs blink all at once, and if it was good, they will blink twice and after a small delay the new level will begin. After a wrong level, the game will revert to level 1.

There will also be a start/end game button to start/end the game.