

The Color Reflex Game

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Project Description

The Color Reflex Game is a fun and challenging game good for all ages. A player will start the game by selecting the push button. Afterwards, the LCD will display random color's name wherein we limited it by three colors: red, green, and blue. Therefore, the player is tasked to push the right button. When a player selects a wrong button the game will still continue. When the game ends, the LCD will display the tally of the scores if the button was pushed on time or not.

Project Features

- Matching the right pushbutton to the color name shown on the display.
- Challenges the reflex, reaction, and coordination of a player within 30 seconds of gameplay.
- LEDs are used as an indicator in this game, specifically red, green, and blue.
- The LCD Display will show random 3 color names: Blue, Red, and Green. It will also show the tally of the score.
- The Push Button acts as the activator in this game. Each Buttons are added near each LED's indicating the association between them. When a player pushes the right button they will score a point, if not game still continues

References

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