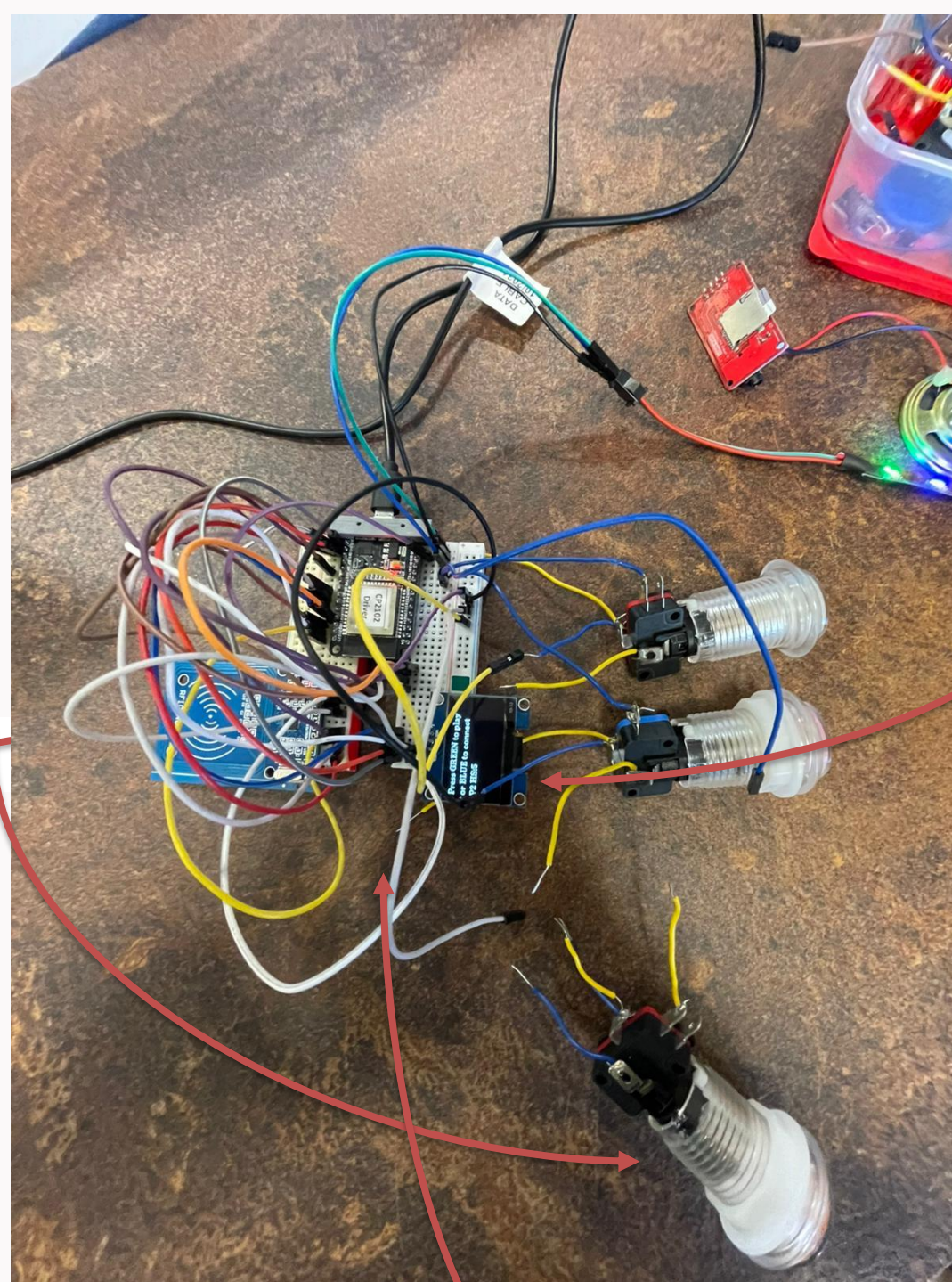# Rehabilitation game

A fast-paced game designed to test and improve your reaction time and memory; the project provides multiple Interactive games in one Board.

1. Sound-based game with colors.
2. Memory game
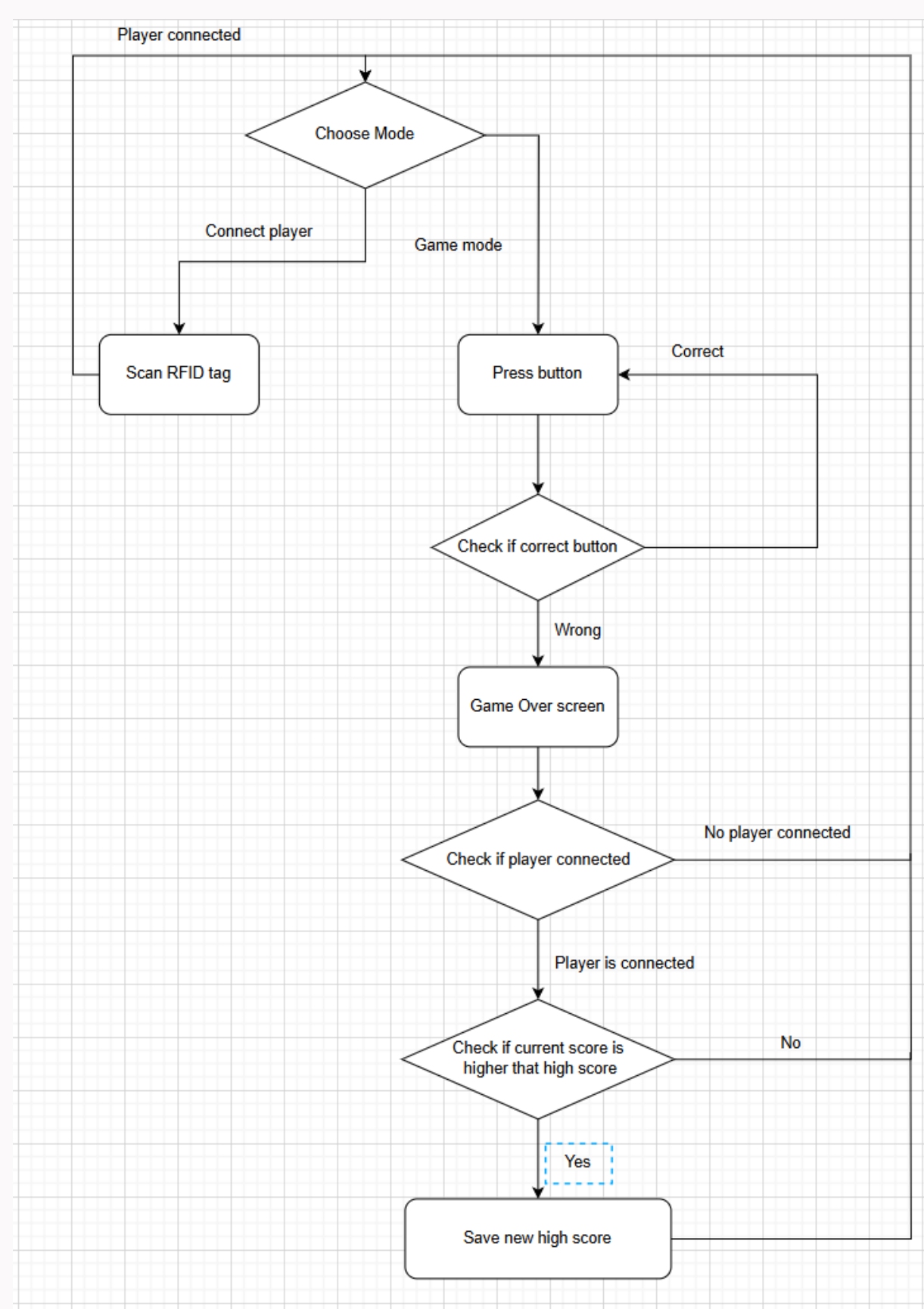3. Multiple player profiles and high scores

PushButton: the user have 5 to interact with them.

Speaker and screen: interact with the current button to press ,also interacts with game Win or lose.

RFID reader reads tags to connect to different player profiles

LEDS changes colors randomly .

The Board: includes three PushButtons , NeoPixel Strip , Switch , Speaker, screen, RFID reader
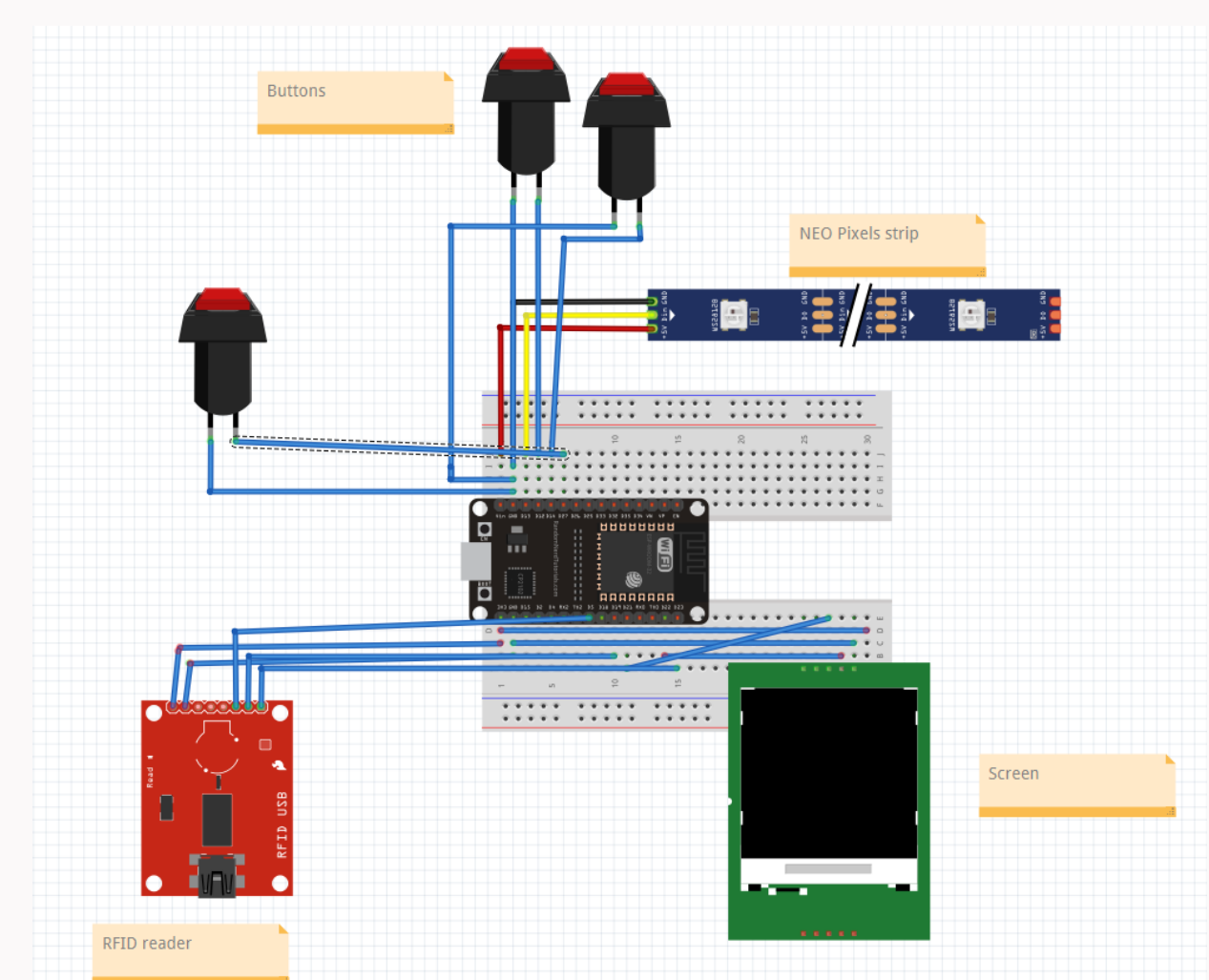
Wiring Diagram

proccess Diagram

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A Project in Internet of Things (IoT)