Mystical Ouija Board User Manual

Overview

An electronic Ouija board that uses capacitive/resistance touch sensors to move a planchette across a digital board displayed on an OLED screen. Theory is that a spirit or entity may communicate through this electronic devise by manipulating the human body.

For Entertainment Purposes Only! Use with Caution!

Hardware Requirements

- **Arduino Nano**
- **128x64 OLED Display** (SSD1306, I2C)
- **4 Touch Sensors** connected to analog pins A0-A3
- **I2C Connections**: SDA/SCL to display

Wiring

- **Touch Sensors**: Connect to A0, A1, A2, A3
- **OLED Display**: Connect via I2C (typically A4=SDA, A5=SCL)
- **Power**: 5V and GND to all components

How It Works

- **Touch Detection**: Monitors capacitance/resistance changes on 4 sensors
- **Sensitivity**: Threshold set to 5 for responsive movement
- **Planchette**: Appears as a transparent ring on the board

Usage Instructions

1. **Power On**: Upload sketch and power the Arduino
2. **Touch Sensors**: _Lightly_ touch any of the 4 sensors
3. **Watch Movement**: Planchette moves based on touch intensity
4. **Serial Monitor**: View debug info at 9600 baud for troubleshooting

Troubleshooting

- **No Movement**: Check sensor connections and threshold value
- **Too Sensitive**: Increase `threshold` value (line 101)
- **Display Issues**: Verify I2C address is 0x3C

Customization

- Adjust `movementDivisor` (line 112) for movement speed
  - Modify `threshold` (line 101) for sensitivity
- Change `minMovement` (line 113) for minimum motion