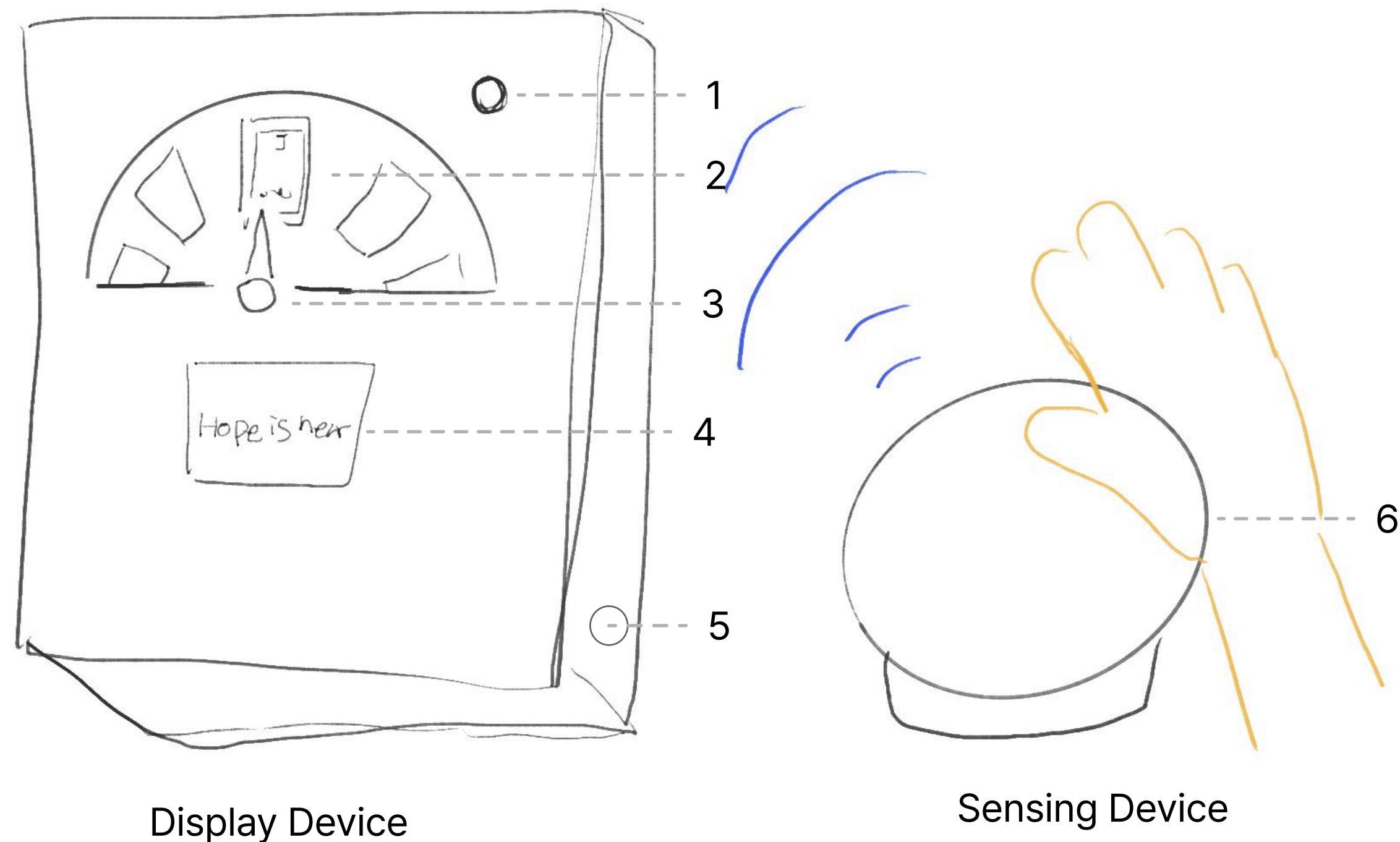# The Inner Oracle

Display Device

Sensing Device

Short Description

The Inner Oracle is a fortune teller machine that combines Tarot symbolism and biometrics. Rather than relying on chances, it examines the person's internal condition. To do this, the person is asked to put his or her hand on the crystal ball-shaped input unit(5) for GSR(Galvanic Skin Response) measurement. The display unit shows how a needle(3) can be turned to show a tarot card(2) fitting the person's level of stress at the time.

Technical Detail

1. **Status LED** : Showing status when sensing device detects the information from the users.
2. **Tarot Dial Face**: Circular board featuring Major Arcana cards (Sun, Moon, Star, etc.).
3. **Stepper Motor Pointer**: Rotates to point to the specific card selected by the algorithm.
4. **OLED Screen (SSD1306)**: Displays a short keyword or interpretation (e.g., "Hope is near, take a breath").
5. **On/off Button** : On/off Battery
6. **Sensing Orb with GSR**: A crystal ball-shaped device with embedded conductive electrodes that measure the user's stress levels when touched

Battery : Li-Po Battery (3.7V)
Wireless : Wifi
Processing : The Seeed Studio XIAO ESP32C3 weighted Random Number Generator algorithm based on physiological stress data