

## Instructions for Use

### 1. Connect the Arduino UNO:

- Use a USB cable to connect your Arduino UNO to your computer.

### 2. Activate the System:

- Move within a distance of at least **50 cm** from the motion sensor to trigger the system.

### 3. System Behavior:

- Once motion is detected:
  - The motor will start spinning.
  - The LCD will display the message: `WELCOME!`.
  - The buzzer will sound.

### 4. Stop the System:

- Press the **push button** to stop the operation of all components.

## Additional Notes

- Ensure all components are correctly wired to the Arduino UNO as per the provided schematic.
- If the system does not respond, verify the connections and re-upload the sketch to the Arduino UNO.