HARDWARE COMPONENTS:

1. **Rain Sensor-** Detects rain and signals the Arduino.

   2. **Arduino (Uno/Nano) –**Processes data & controls outputs.

3. **Buzzer –** Emits beeps (frequency increases as obstacles get closer).

4. **IR Sensor**: Measures distance to obstacles and informs the Arduino

5. **Power Supply –** 9V battery, power bank, or Li-ion battery.

SOFTWARE:

1. Arduino IDE