**No Mask No Entry**

**Objective:**

To create a face mask detector Door opener using Machine Learning.

**Table1: Required components**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Name** | **Quantity** | **Technical-Speciality** | **Cost** | **Usage** |
| **1** | Arduino Uno | 1 |  | 770 | Arduino UNO acts as the main controlling part |
| **2** | PIR Sensor | 1 |  | 159 | Detecting human motion is done with the help of PIR Sensor |
| **3** | L298N Motor Driver Module | 1 |  | 303 | It is responsible for driving the motor of the door |
| **4** | CD Tray with 5V Motor | 1 |  | 200(app.) | Work as a Door |
| **5** | Breadboard | 1 |  | 215 | To build and test circuits quickly before finalizing any circuit design |
| **6** | Connecting Wires | 10 |  | 115 | To connect the devices |
| **7** | Power Supply up to 12volts | 1 |  | 1000 | Provides the power supply |
| **8** | 5 Push Buttons | 2 |  | 20 |  |
| **9** | 5MP Camera | 1 |  | 1000 | To record and train the system |