**REDX MITAOE**

**Team Name:Decoders**

**Sensors used in our project**

* **Arduino UNO**
* **Ultrasonic sensor**
* **LED**
* **Battery**
* **Servo motor**
* **Humidity sensor**
* **GSM Module**

**What exactly will be done:**

The dustbin in which we place the sensors like ultrasonic for testing level of the garbage in it

LED which is used to show the level to user about garbage .

Servo Motor which is used to open or close the mouth of the dustbin .If the dustbin get Full the dustbin will close.

GSM sensors give the information about the area where and which dustbin exactly full.

On Arduino UNO board all This Component are connected and coding about this part is in it.

Battery: We will be using battery to power supply Arduino.