**PROJECT DEVELOPMENT AGREEMENT**

|  |  |
| --- | --- |
| **NAME OF THE PROJECT** | Water ATM Sensor Detection |
| **OWNER NAME** | Saurav Kumar |
| **OWNER CONTACT** | 8860394267 |
| **PROJECT ID** | ELRMD059043 |
| **LOCATION** | Delhi |
| **LAST DATE** | 15/12/2017 |
| **PRICING USING OUR COMPONENTS** | 2000 |
| **PRICING USING YOUR COMPONENTS** | 4000 |

**DESCRIPTION –**

A sensor that can help maintain water level in water ATM. Whenever the water gets beneath a given level the sensor triggers the GSM shield and that will send a message to the given authority to refill the tank. The authority contact can be updated using a keypad attached with the sensor.

**APPLICATION –**

1. **A water sensor that can trigger GSM shield.**
2. **A GSM shield that can send a SMS whenever there’s a trigger.**
3. **Reset the contact of the authority using the keypad attached to the Shield.**

**HARDWARE MATERIAL –**

1. **Arduino Microcontroller.**
2. **GSM Shield**
3. **Connecting Wires**
4. **Keypad.**
5. **Battery Unit in case of power cut.**

**SOFTWARE MATERIAL –**

1. **Arduino SDK.**

**DEVELOPMENT PROCESS –**

1. **Use water sensors and create a trigger on a microcontroller whenever the level goes down beyond a point.**
2. **Trigger the GSM shield and generate a text message with a location.**