**PROJECT DESCRIPTION**

1. When **water flows** , The **arduino board** should get activated otherwise it should not work and the **water flow meter** should measure the **pressure of water in liters and the information about how many liters of water is consumed should be transmitted to think speak**
2. For the first four minutes , the water should flow and the music from SD card should play through speaker
3. After four minutes, for 3 seconds the water should stop and music should stop. The relay will cutoff the solenoid valve for three seconds
4. After 3 seconds the water flow should continue and music should be played again till it reaches five minutes.
5. After five minutes, again for 3 seconds the water flow and music play should stop. The relay will cutoff the solenoid valve for three seconds
6. After three seconds , the water flow and music play should continue till it reaches six minutes
7. After six minutes, the water flow and music should completely off. The relay will cutoff the solenoid valve

**THE FOLLOWING DATA SHOULD GO TO THINK SPEAK**

1. Water consumption in liters for complete six minutes
2. The water and music is on for 4 minutes and off for 3 seconds after 4 minutes
3. The water and music is on till 5 minutes and off for 3 seconds after 5 minutes
4. The water and music is on till 6 minutes and off for 3 seconds after 6 minutes