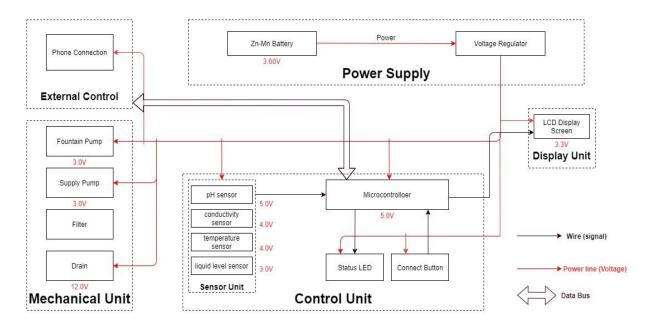
Design

The block diagram below is a general design of our solution. We divide our design into four modules, including Power Supply, Control Unit, External Control, and Mechanical Unit. Details of each unit is presented in the diagram and described in the next section.



Block Diagram of Smart Water Fountain

Python

Import RPi.GPIO as GPIO

Import time

GPIO pins for water pump and LED lights

