

Parts List:

1x mBed LPC1768 (Controller)

2x HiLetGo LM317 Voltage Regulators ([Link](#))

1x Ultrasonic Distance Sensor HC-SR04([Link](#))

2x DEVMO MG995 Continuous Servo Motors ([Link](#))

1x GikFun Mini DC 6V-12V Water Diaphragm Pump ([Link](#))

1x JBTek 4 Channel DC 5V Relay Module ([Link](#))

3x SPST Momentary Pushbutton Switches

1x uLCD-144-G2 LCD Screen