**16x2**

**LCD**

**Buzzer**

**LED**

**Microcontroller**

**(Arduino UNO)**

Is PPM > Threshold?

Set Threshold for Air Quality,

Start LCD & UART, Read MQ135 (PPM)

Define Pins & Direction for LCD, LED, Buzzer & MQ135

Display AQ Level Good,

Turn **OFF** LED & Buzzer

NO

YES

Display AQ Level High,

Turn **ON** LED & Buzzer