From the previous ideas the innovative Solution for the air quality monitoring system is explained below,

- In this project we will be using both Arduino uno microcontroller and a Rasperry pi
- We choose arduino Uno to operate a high voltage than Esp 32 and
- Arduino is beginner friendly
- We use Rasperry pi for a local processing process
- And for a high memory storage

Sensor:

MQ135 Gas sensor

we have used MQ135 sensor as the air quality sensor which is the best choice for monitoring Air Quality as it can detects most harmful

gases and can measure their amount accurately.

Connectivity:

- WIFI
- Bluetooth
- Zigbee

Cloud :

Cloud platform can be either paid or free of cost based on our need

  Eg:Beeceptor

Or any other Cloud sources

Protocol:

- HTTP protocol by local IP Address