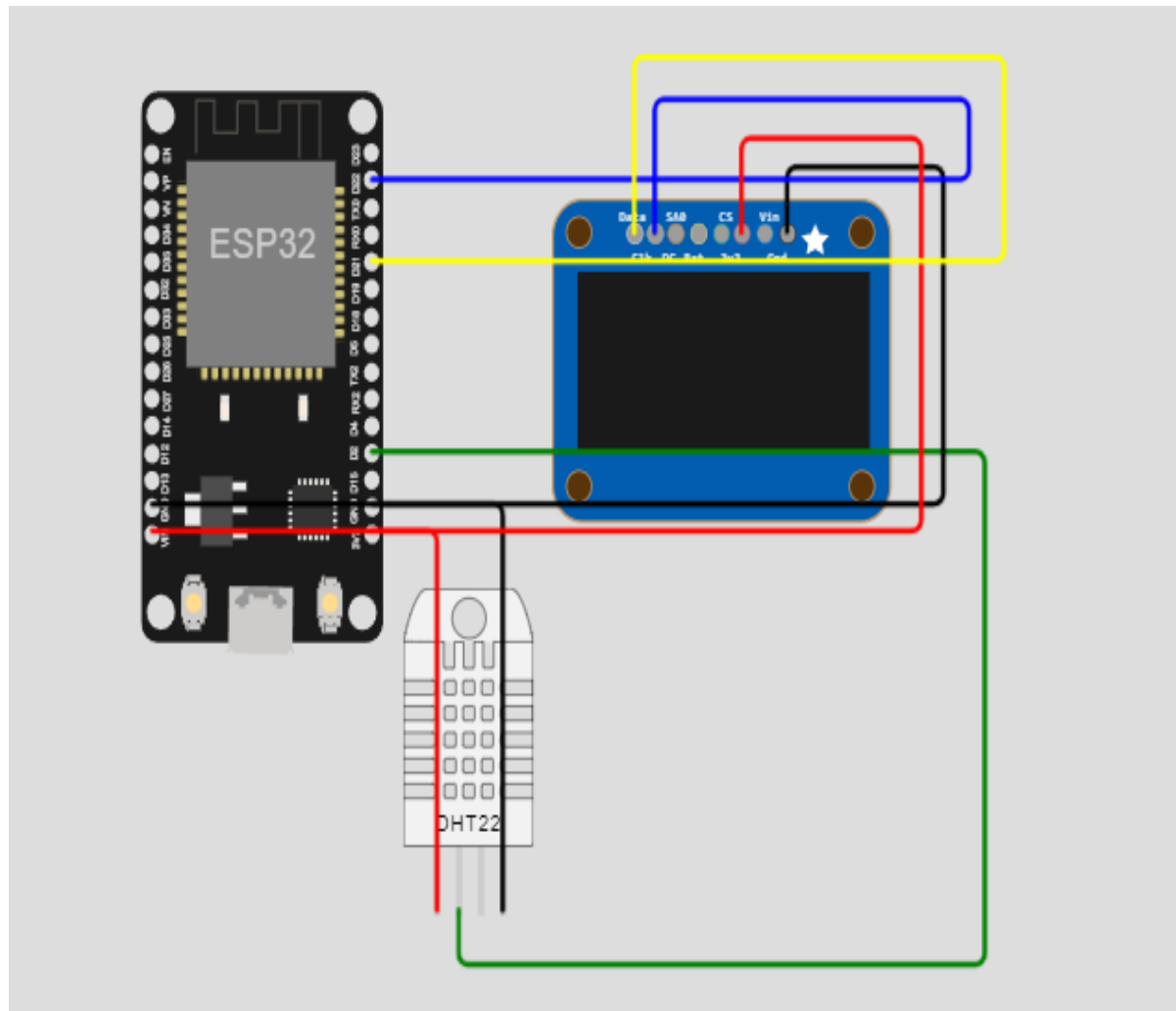


## Project Design Phase-2

### Solution Architecture

Date	11 October 2023
Team ID	467
Project Name	4123-Air quality Monitoring
Team Name	Proj_227237_Team_1
Team Members	5

### Air Monitoring Diagram:



## Project Design Phase-2

### Proposed Solution Template

Date	11 October 2023
Team ID	467
Project Name	4123-Air quality Monitoring
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Team Members	5

#### Proposed Solution Template:

S.No.	Parameter	Description
1.	<b>Problem Statement (Problem to be solved)</b>	Developing scalable and cost-effective monitoring solutions that can be deployed across different regions, from urban centers to rural areas, is a significant challenge.
2.	<b>Idea / Solution description</b>	By providing real-time information and educational content, these kiosks empower individuals and communities to take steps to protect their health
3.	<b>Novelty / Uniqueness</b>	Users can access the drone data through mobile apps, receiving notifications and real-time air quality updates, helping them make informed decisions about outdoor activities.
4.	<b>Social Impact / Customer Satisfaction</b>	People learn more about air pollution and its dangers, so they can protect themselves and their families.
5.	<b>Business Model (Revenue Model)</b>	The company makes and sells air quality sensors or monitoring devices to individuals, businesses, and government agencies.
6.	<b>Scalability of the Solution</b>	the ability to make the solution work for a small area and then easily expand it to cover a larger area without a lot of extra effort or cost.