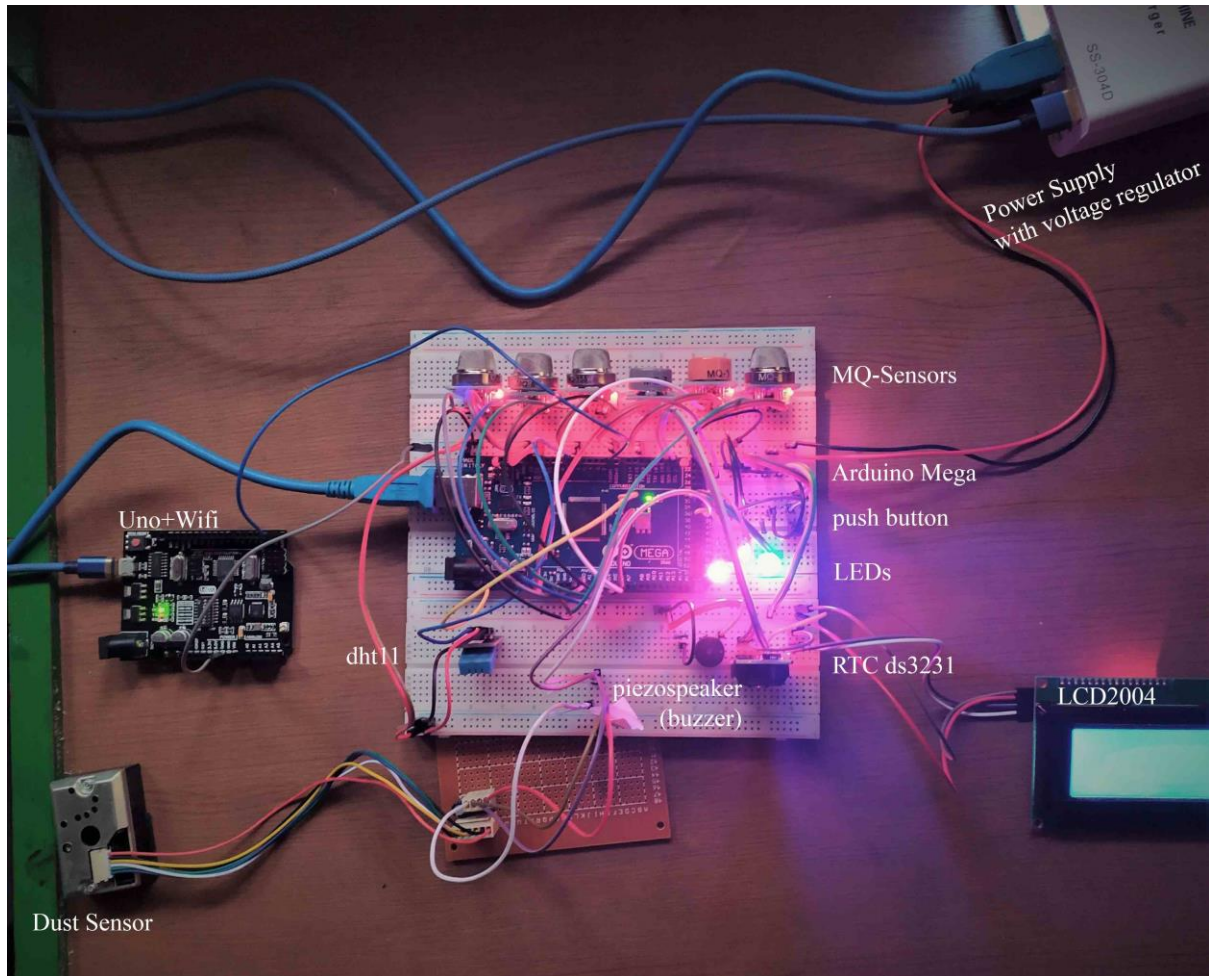# aerate

GOOD AIR IN, BAD AIR OUT

LEARN HOW TO USE THE APP WITH
JAMES ADHITTHANA, DEVELOPER OF AERATE

AERATE VERSION 1.00

Setting-up the Hardware

Before you Start: To use the hardware for the first time you will need another device to help connect aerate to your Wi-Fi network.

1. Set up the hardware components, plug the power supply into the wall outlet, and place it in the room without the sensors being blocked.
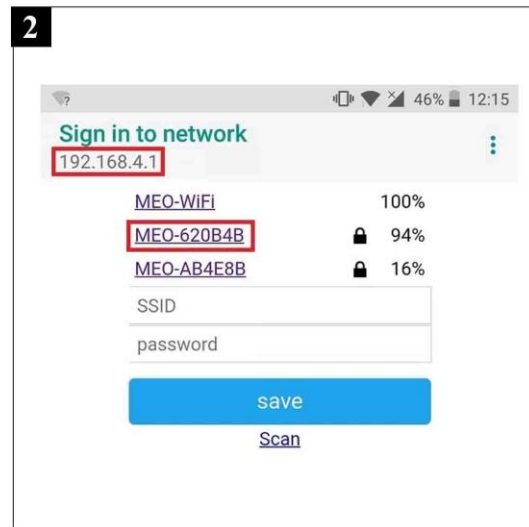

2. Power up the hardware and use your device to connect to the **Wi-Fi hotspot "aerate"** and fill in the **password "aeratejames"**. Then configure aerate to connect to your Wi-Fi network like so.
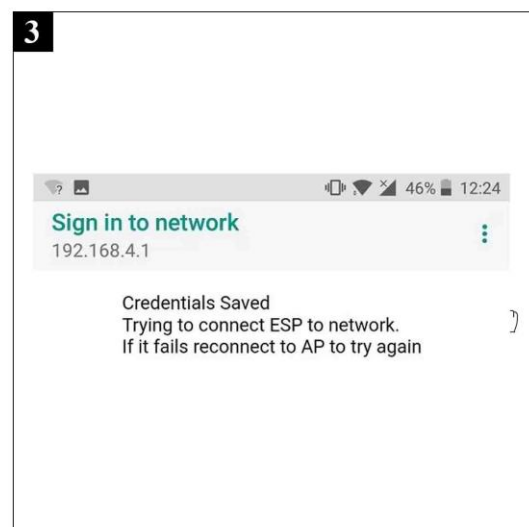
Configuring Wi-Fi on the Hardware

1
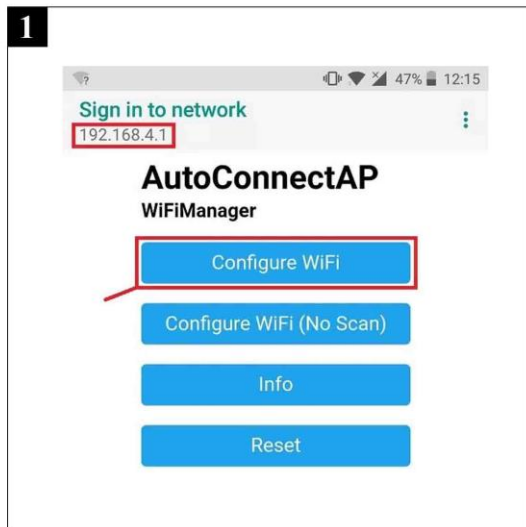
Select the Configure Wi-Fi button

2

Select the Wi-Fi network to connect to

3

Input the Wi-Fi credentials

3

Done.

Annotated images provided by: randomnerdtutorials.com

That's it! The hardware should automatically connect to your Wi-Fi network every time it is powered on.

Note: If the hardware fails to connect to your Wi-Fi network or if the hardware is moved to another location and you want to connect it to another different network, the hardware automatically sets up a Wi-Fi hotspot after multiple failed attempts to connect to the last known network. This allows you to reconfigure the Wi-Fi settings to your new network.

Accessing aerate's Web App

1. To get started open our website at https://aerate.xyz/ or
    https://aerate.firebaseapp.com/.
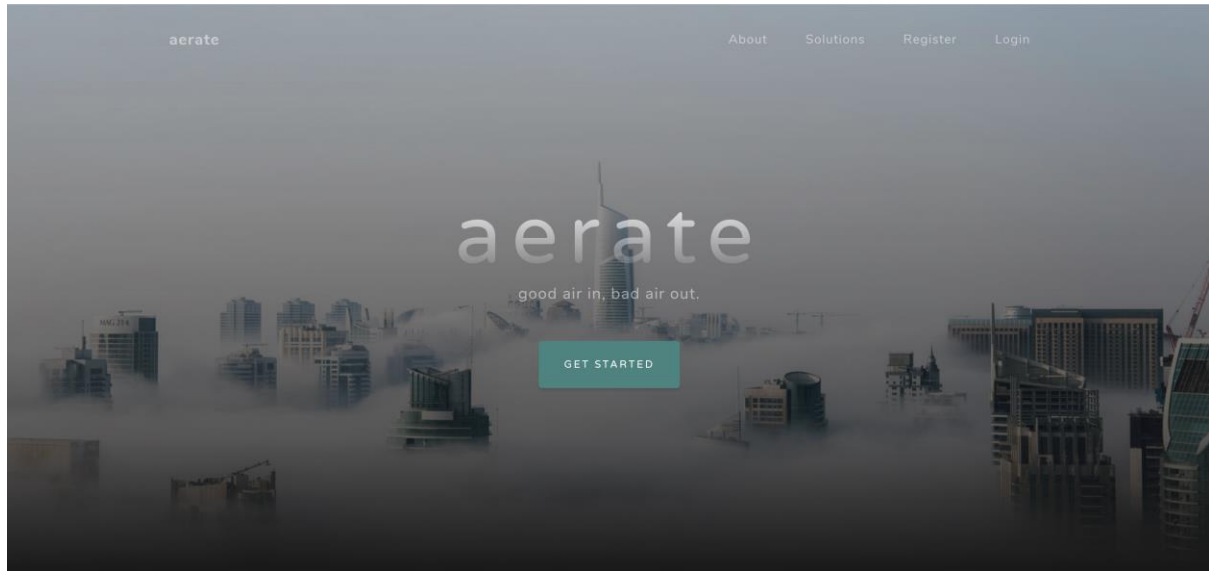
2. You can scroll to the bottom of the page or click the register button on
    top of the page to register an account.
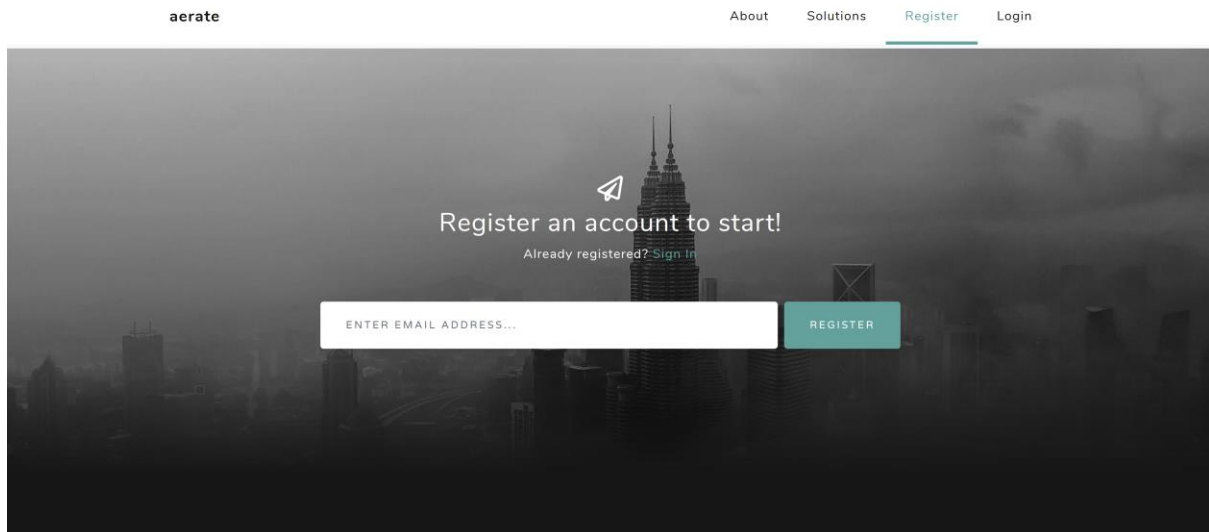
3. Finish registering the account by filling in your email and password.
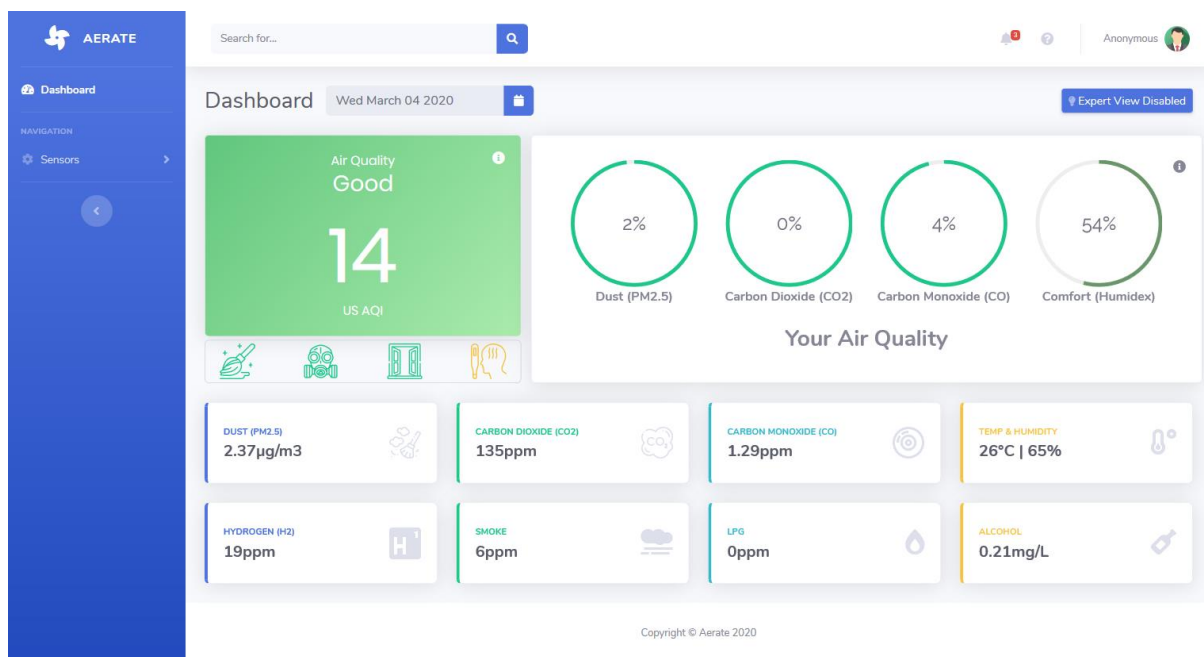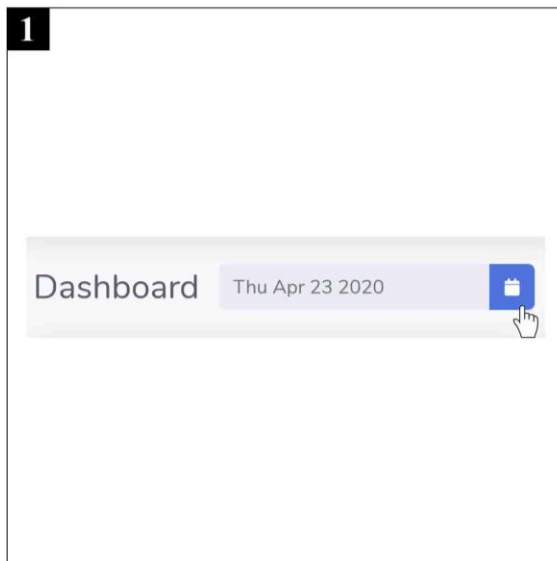   Don't worry, your password is securely hashed, salted, and encrypted!
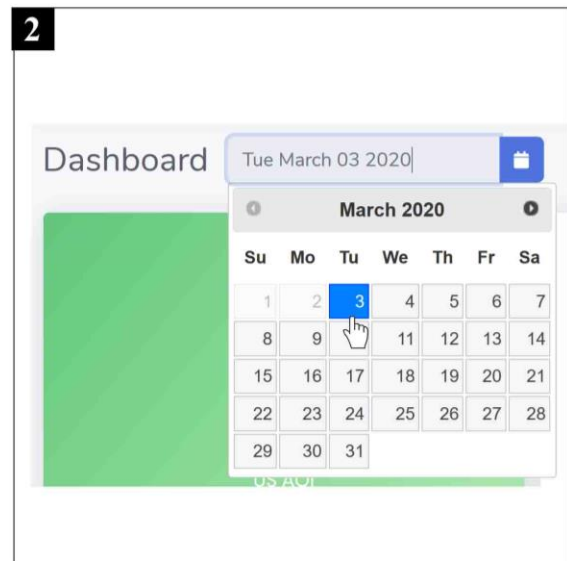

4. You will now be directed to the dashboard page just like below.

5. That's it! By default, you will view the pollutants for latest stored date available in the database. To view recorded pollutant data from previous dates, select the date-picker and choose your date.

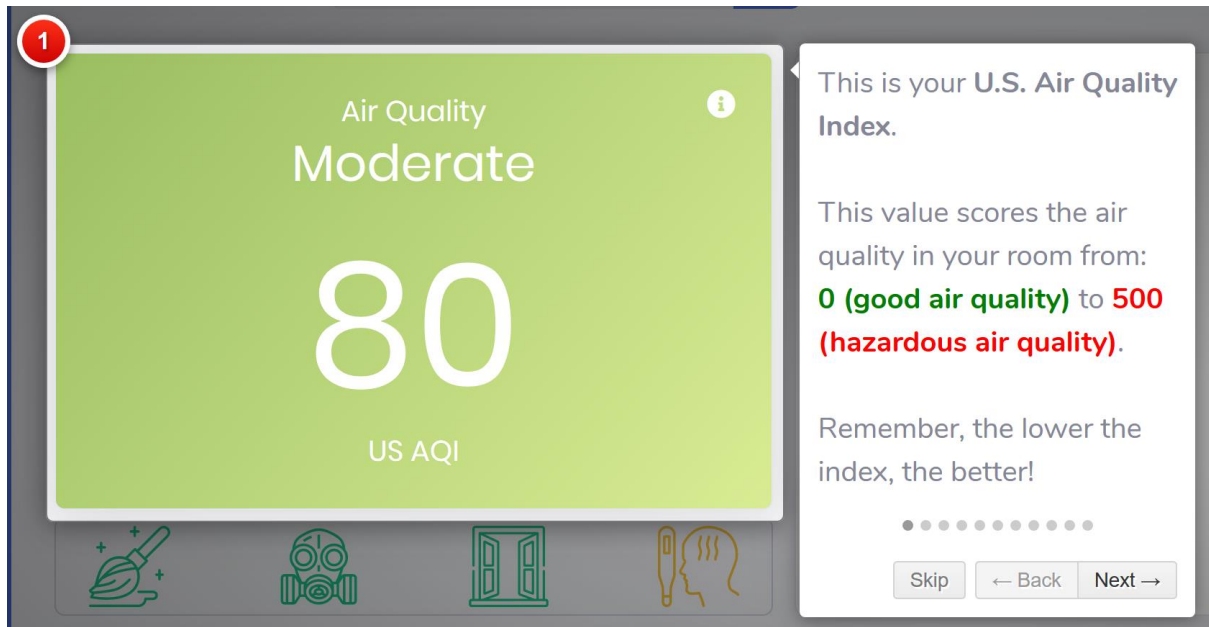Select the button with the calendar icon

Select the date to choose and refresh the page with the chosen date

To learn more about the features of aerate continue reading below.
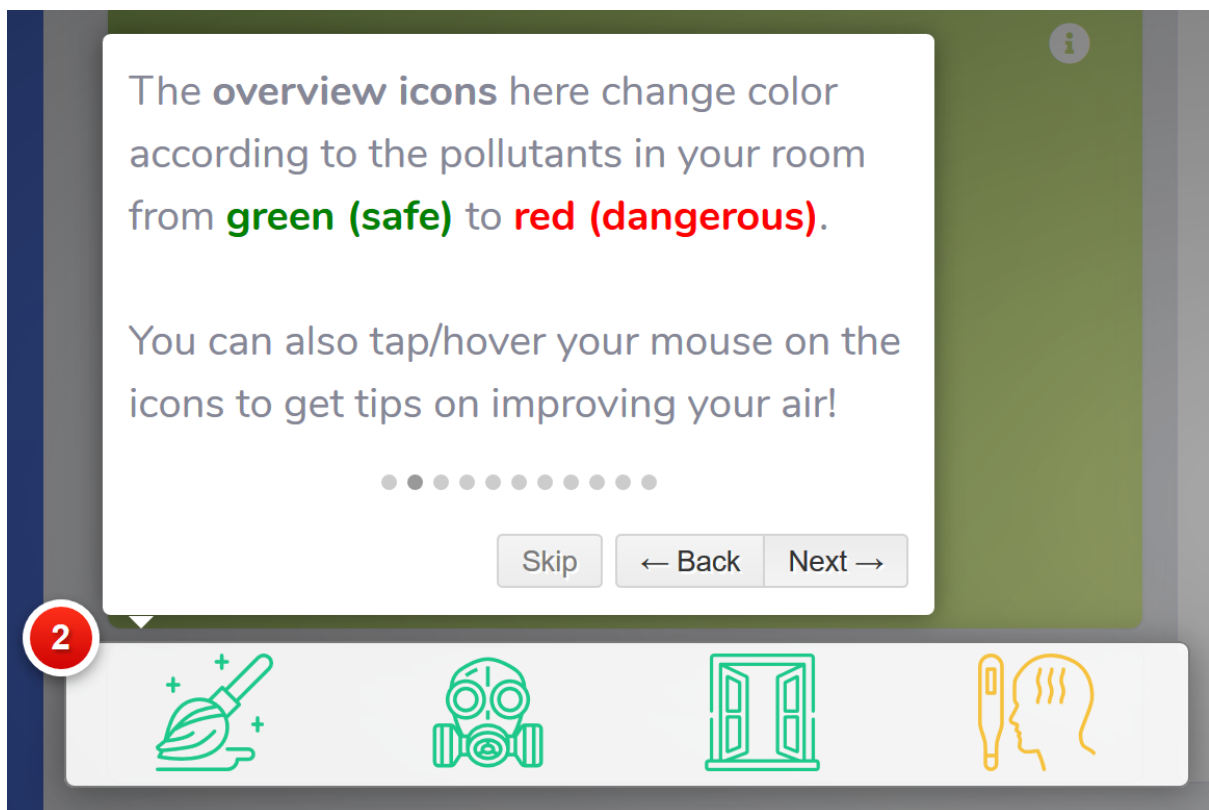
Quick Onboarding Tour of aerate's features!

Quickly learn how to use aerate's features by experiencing our onboarding directly on the app or by viewing it below.
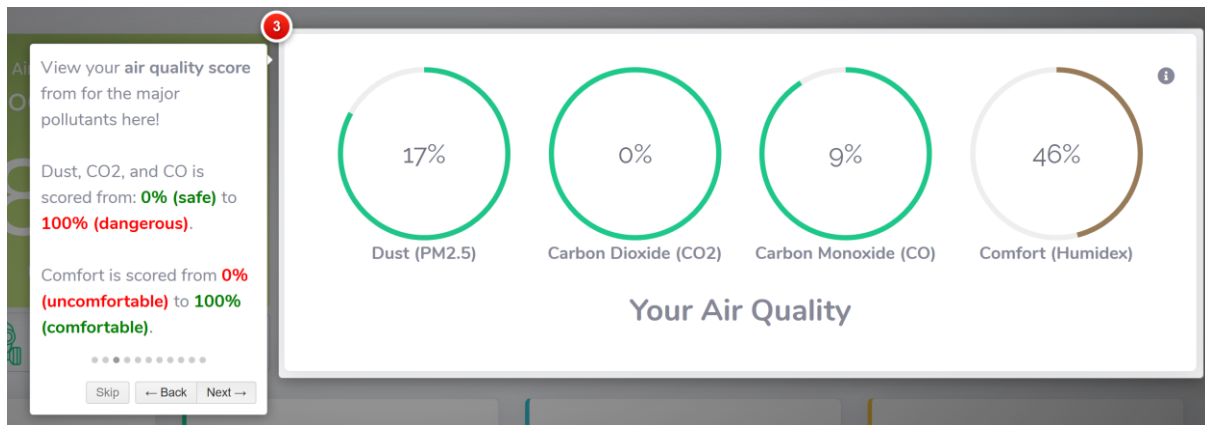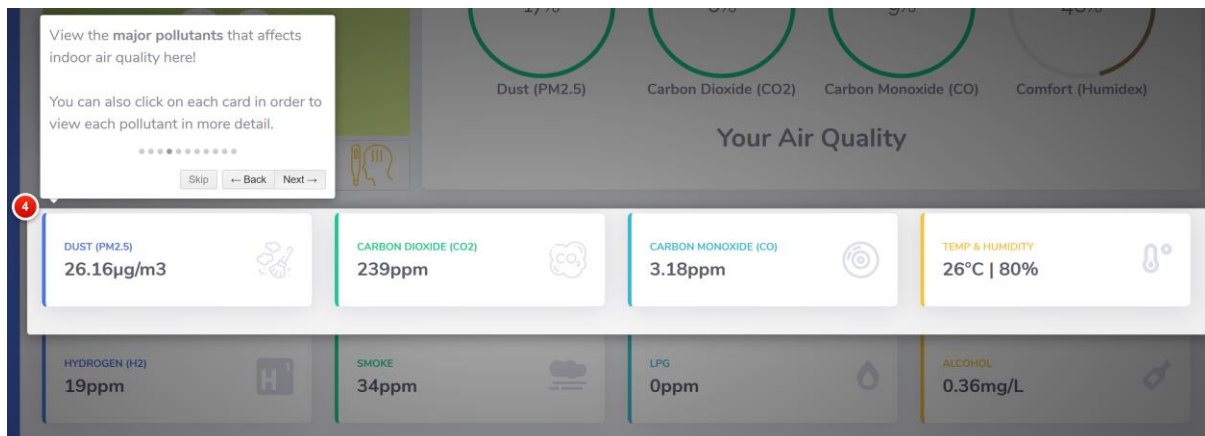
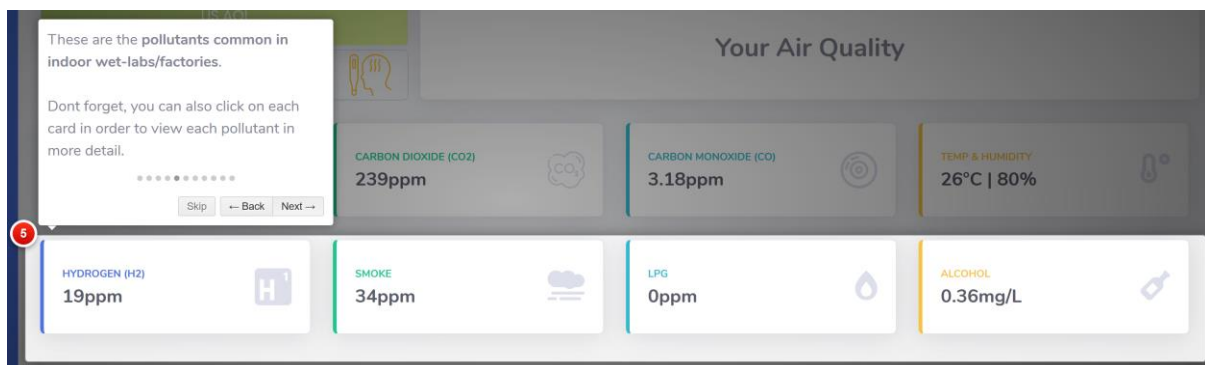1. Real-time Air Quality Index
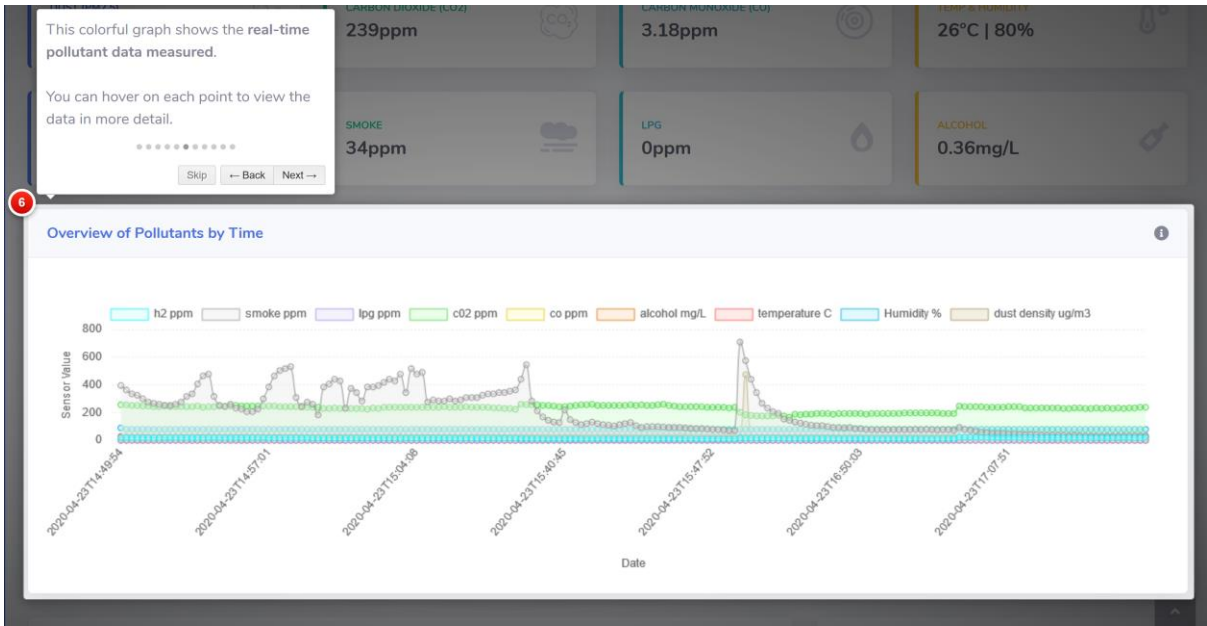

2. Real-time Icons

3. Current Air Quality Score

View your **air quality score** from for the major pollutants here!

Dust, CO2, and CO is scored from: **0% (safe)** to **100% (dangerous)**.

Comfort is scored from **0% (uncomfortable)** to **100% (comfortable)**.

Skip   ← Back   Next →

17%	0%	9%	46%
Dust (PM2.5)	Carbon Dioxide (CO2)	Carbon Monoxide (CO)	Comfort (Humidex)

Your Air Quality

4. Real-time Air Pollutant Cards (Major indoor air pollutants)

View the **major pollutants** that affects indoor air quality here!

You can also click on each card in order to view each pollutant in more detail.

Skip   ← Back   Next →

Dust (PM2.5)	Carbon Dioxide (CO2)	Carbon Monoxide (CO)	Comfort (Humidex)

Your Air Quality

DUST (PM2.5)	CARBON DIOXIDE (CO2)	CARBON MONOXIDE (CO)	TEMP & HUMIDITY
26.16µg/m3	239ppm	3.18ppm	26°C	80%

HYDROGEN (H2)	SMOKE	LPG	ALCOHOL
19ppm	34ppm	0ppm	0.36mg/L

5. Real-time Air Pollutant Cards (Wet lab pollutants)

These are the **pollutants common in indoor wet-labs/factories.**

Dont forget, you can also click on each card in order to view each pollutant in more detail.

Skip   ← Back   Next →

Your Air Quality

CARBON DIOXIDE (CO2)	CARBON MONOXIDE (CO)	TEMP & HUMIDITY
239ppm	3.18ppm	26°C	80%

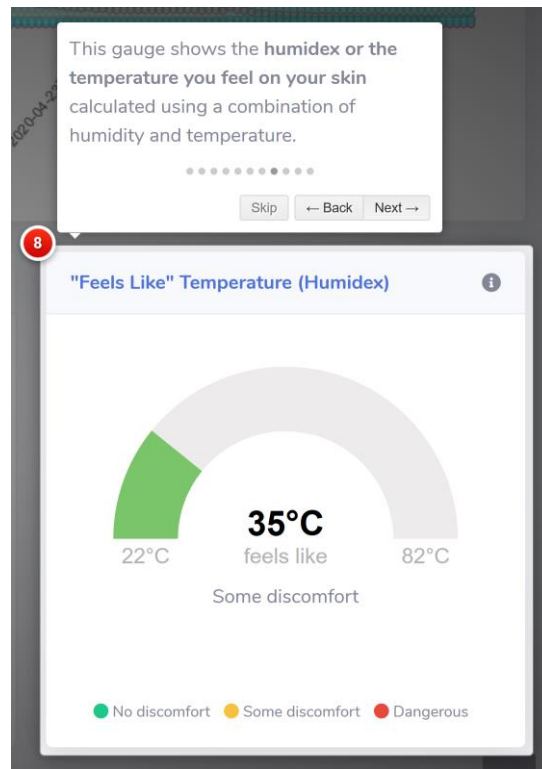| HYDROGEN (H2)	SMOKE	LPG	ALCOHOL
19ppm	34ppm	0ppm	0.36mg/L

6. Real-time Pollutants Overview Graph

7. Average Historical Pollutant Data by Date (truncated mean)
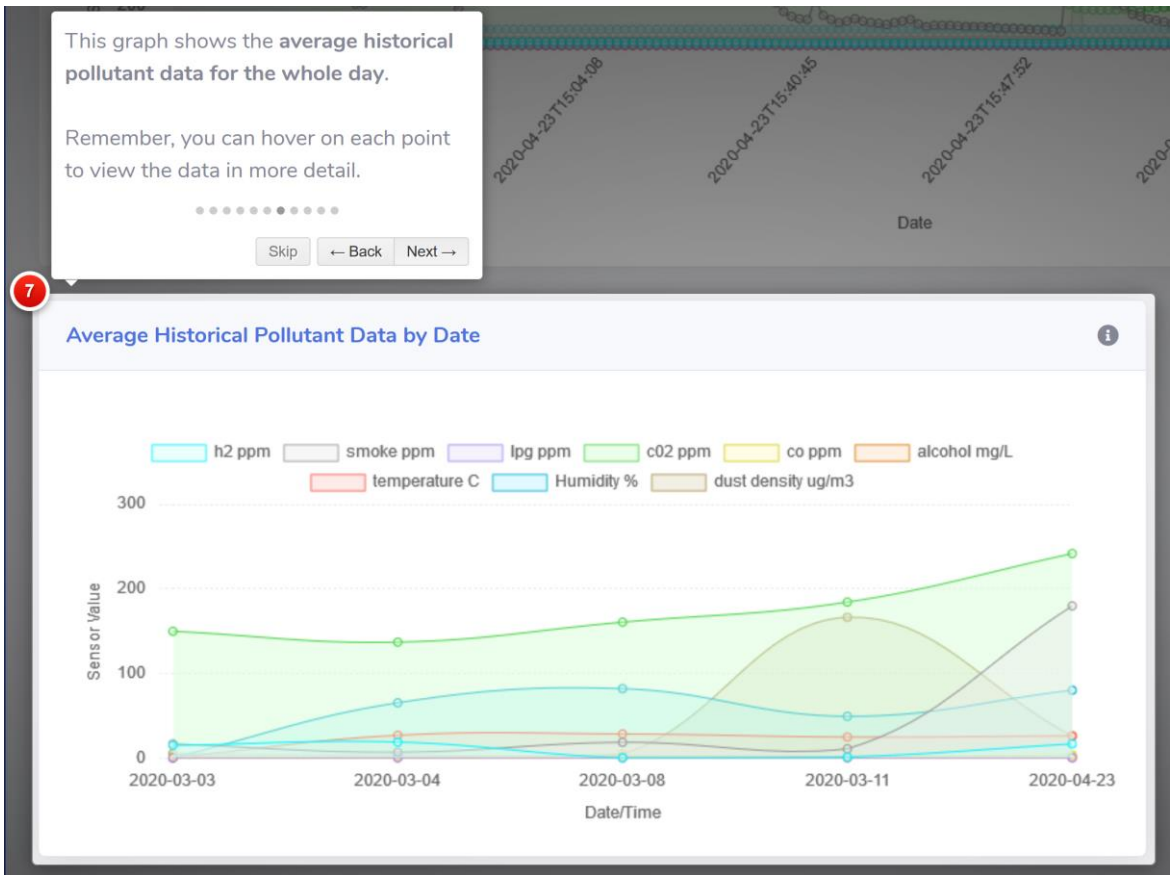
8. Real-time Humidex ("Feels Like Temperature")

9. Real-time Table Showing Raw Data from Sensors

10. Enable or disable Expert View

10

💡 Expert View Enabled

Was that too much info?

Press this button to **enable/disable expert view** so that you only see what is important!

• • • • • • • • • • ● •

Skip | ← Back | Next →

11. View Help (Onboarding)

🔔 2   ❓   Anonymous

That's it!

If you need a refresher, just click here for help.
Goodluck!

• • • • • • • • • • ●

Done | ← Back | Next →
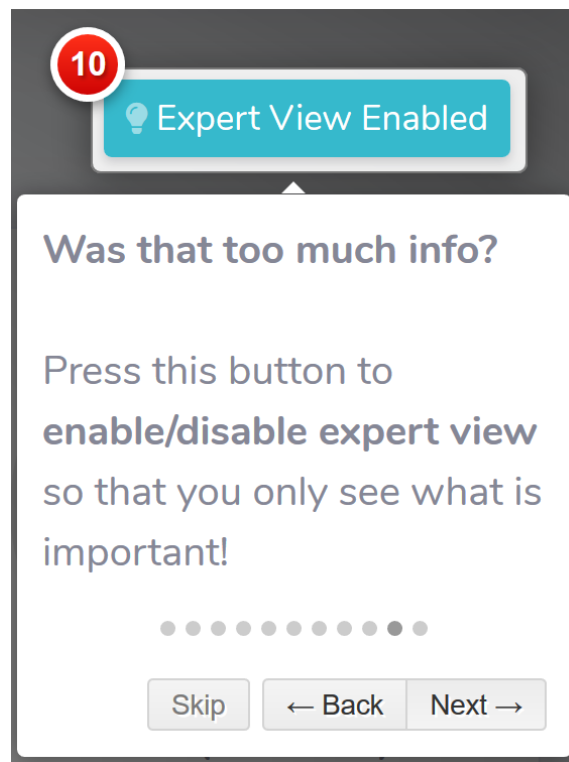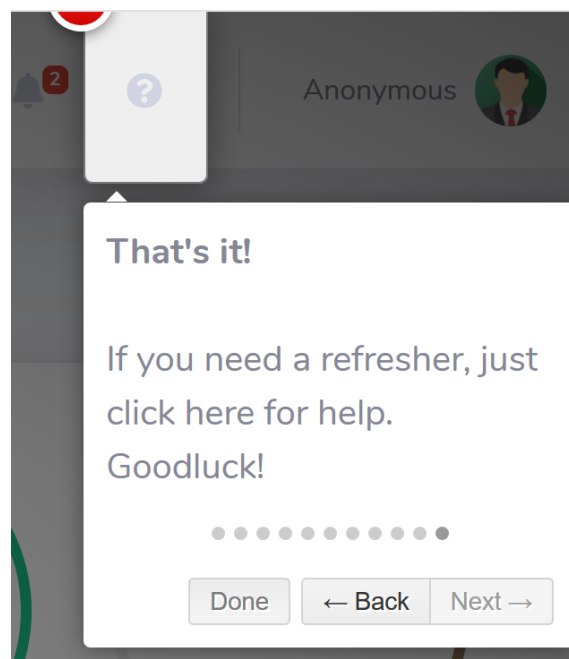
Note: You can hover your cursor over the info buttons to quickly learn more!