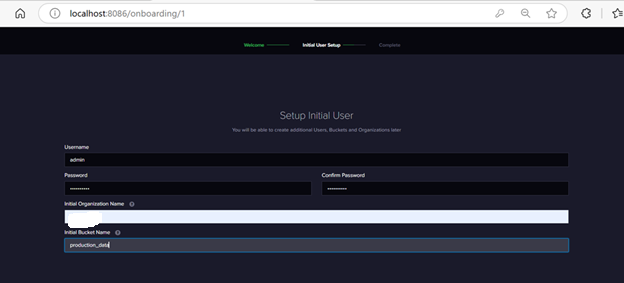
**Things to consider before the start of the project:**

* C# env in visual studio code
* ESP32 like microcontroller
* Influxdb in the docker desktop



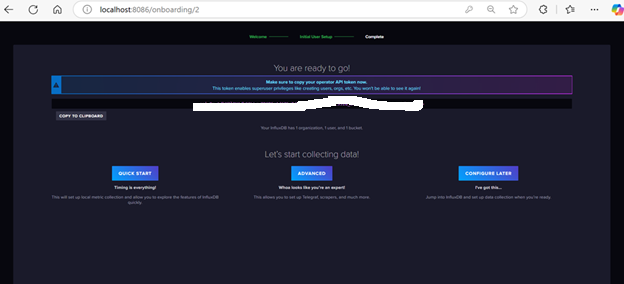
Admin (mypwd)

admin token of the INFLUXDB: (Copy to Clipboard

xxxxxxxxxxxxxxxxxxxxxxx==

Organization - Sabhya

Bucket – production\_data



Quickstart

A screenshot of a computer

Description automatically generated

Buckets

A screenshot of a computer

Description automatically generated

Connect the ESP32 microcontroller

Use device manager to know the port

A screenshot of a computer

Description automatically generated

Use that in C# code – here it is COM5

Set the influxDB Settings  
with admin influx token, org and bucket name.

Run the c# code through command line:Make sure the installation of the packages is done.

Example-- dotnet add package InfluxDB.Client

A screenshot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated

In influxdb run the following in the query builder:

from(bucket: "2ESPSC")

|> range(start: -24h)

|> filter(fn: (r) => r.\_measurement == "task\_status")

See the histogram

A screenshot of a computer

Description automatically generated