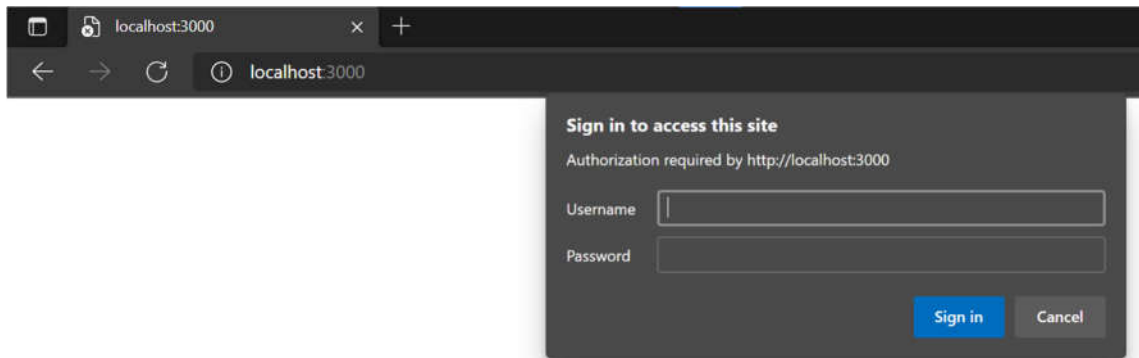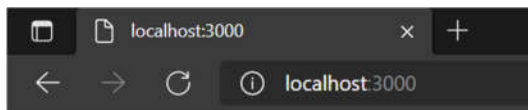# User Manual

Connection to the web application

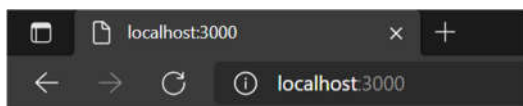You can access the web application via http://localhost:3000.
If you have an account, you will have to authenticate to access this web application.

If you try to access the web application without authenticate, an error message will appear.
You can log in by clicking on the link.

If you tapped the wrong login or password, an error message will tell you but you will be able to try log in again by clicking on the link.
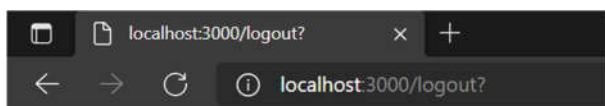

When you finally got to log in, the web application will open, and you will be able to control the ABB ventilation controller simulator and get information about it.

Whenever you want to log out from the web application, you will just have to click on *Log Out* at the bottom of the page.

A message will tell you that you got successfully disconnected and also allow you to log again by clicking on the link.

How to use the web application?

Automatic mode

The automatic mode is the default mode, and the web application interface is red for this mode. If it is not the case, you can go to the automatic mode by clicking on the switch at the right-top corner of the page.

In the automatic mode, you can set the pressure that you want from 0 to 120 Pa. Depending on the pressure that you choose, the fan speed will change automatically.

After some time, if the pressure couldn't been set you will get a pop-up to warn you about it.

Otherwise, the higher the chosen pressure is the higher the speed of the fan will be.

Manual mode

The manual mode got a blue interface in the web application. You can choose to go to the manual mode by clicking on the switch at the right-hand corner of the page.

In the manual mode you can set the ventilation fan speed but choosing the percentage that you want. When submitting the chosen value, you will get the current speed percentage but also the current pressure of the ABB ventilation controller simulator.

Data logs

In both modes, you can print a graph showing the evolution of the speed and pressure from the ABB ventilation controller simulator.
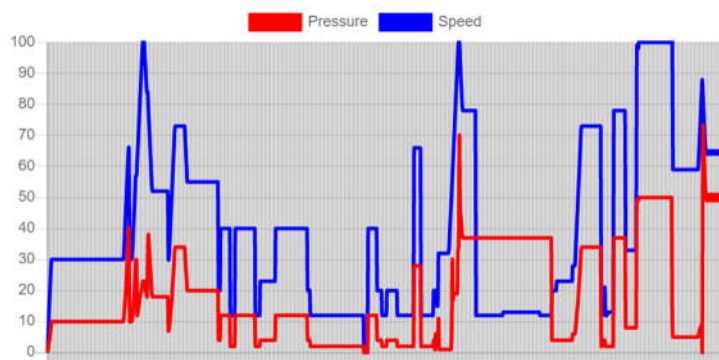
Graph data

Sensor data and Fan activites All ▾ See

For that, you will have to choose the period on which you want to see the graphical data.

All
From last week
From 5d ago
From 3d ago
From yesterday
Last 10h
Last 5h
Last hour
Last 30min
Last 15min

Sensor data and Fan activites All ▾ See

By clicking on the button *See*, you will then see the graphical data on the period chosen.

Graph data

Sensor data and Fan activites All ▾ See

Connections logs

In the home page, **to which you can go back to by clicking on *ABB Ventilation Controller***, you can ask to see the logs of the users' connections.
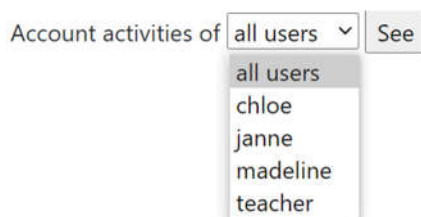
For that, you will have to click on *User logs* at the bottom of the home page.

After clicking on the button, you will go to this page:

From there, you can choose for which user you want to see the connections logs.

You will then be able to see when each user connected to the web application but also how frequently they are connecting to it.