Node Setup

Groep 1

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# 2 Node Setup

## 2.1 Clone Repository

Command:

* **git clone https://github.com/MCT-TeamProject-CO2/Node-Server.git**

### 2.1.1 Info

The Node server is responsible for the following Functionality:

* Rest Api
* Checking ppm levels and creating alerts
* Automatic toggling of ventilation systems

### 2.1.2 Requirements

* NodeJS v14+

### 2.1.3 Modular Code

It is entirely made to be fully modular without having to rewrite entire parts of the code base. Modules can be added, disabled[[1]](#footnote-2) or deleted1 without problems.

An explanation of how our modular code works can be found here: <https://github.com/MCT-TeamProject-CO2/Documentation/blob/main/Node-Server/1-Modules.md>

### 2.1.4 Config

Before running the code don’t forget to modify **data/auth.js** and **data/config.js**.

This file contains all the required parameters and settings for everything to run properly.

### 2.1.5 Starting the code

Using node:

* **node --experimental-loader=./util/loader.js .**

Or through npm:

* **npm start**

Or using docker-compose:

* **docker-compose build && docker-compose up**

1. Given that non of the remaining modules require functionality from this module [↑](#footnote-ref-2)