Toolchain

Sensor

IDE: Arduino IDE

Toolchain: ESP32 board toevoegen: https://www.electronics-lab.com/getting-started-with-espressifs-esp32-c3-devkitm-1-on-arduino-ide/

Stack: C/C++

Libraries:
- LOLIN_HP303B (https://github.com/wemos/LOLIN_HP303B_Library)

Server

Website (API + backend)

IDE: PHPSTORM / …

Stack: NGINX + MySQL + PHP + Laravel

Packages (Debian / Ubuntu):

- `ninx`
- `php-fpm php-apc php-mysql`
- `mysql-server`
- `composer`

Php extensions (php.ini): `curl, openssl, pdo_mysql, mbstring, fileinfo`
Run `composer install` to install the required packages.

Website

IDE: Visual Studio Code / Webstorm / ….

Stack : HTML + CSS + JS