

Customer Requirements Specification (Lastenheft)

Project	
Name	sensor - project
Portal (Sourceforge etc.)	Git
Technologies (Language etc.)	PHP, Bash, Arduino IDE, CSS, HTML, Javascript, Docker, Icinga2
Persistence (DBMS, XML etc.)	MariaDB
Copyright	Held by the developer of the corresponding module
Licence (GNU GPL, FDL, BSD etc.)	GNU GPL

1 Objective (Zielstellung)

To provide an environment where you can add different sensors and show you the values of these sensors. The environment shall be available through a docker image summarizing different software(webserver, database,...).

2 Requirements (Anforderungen)

- hardware: ESP8266(WiFi/WLAN Modul) + DHT22(temperature sensor)
- store data in database
- visualize the data in a webpage
- monitor the process

3 Contact (Kontaktinformationen)

Principal	Contractor
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