

Data collection device

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github.com/japawBlob

Goal of project

Logging temperature, humidity, vibrations

Measuring time

Displaying logged data

Measuring values

For temperature and humidity: sensor DHT11

Internal temperature sensor highly inaccurate

Built in accelerometer for vibrations

Measuring time

Originally wanted to use DS3231 for RTC

In application build in RTC is used

Displaying logged data

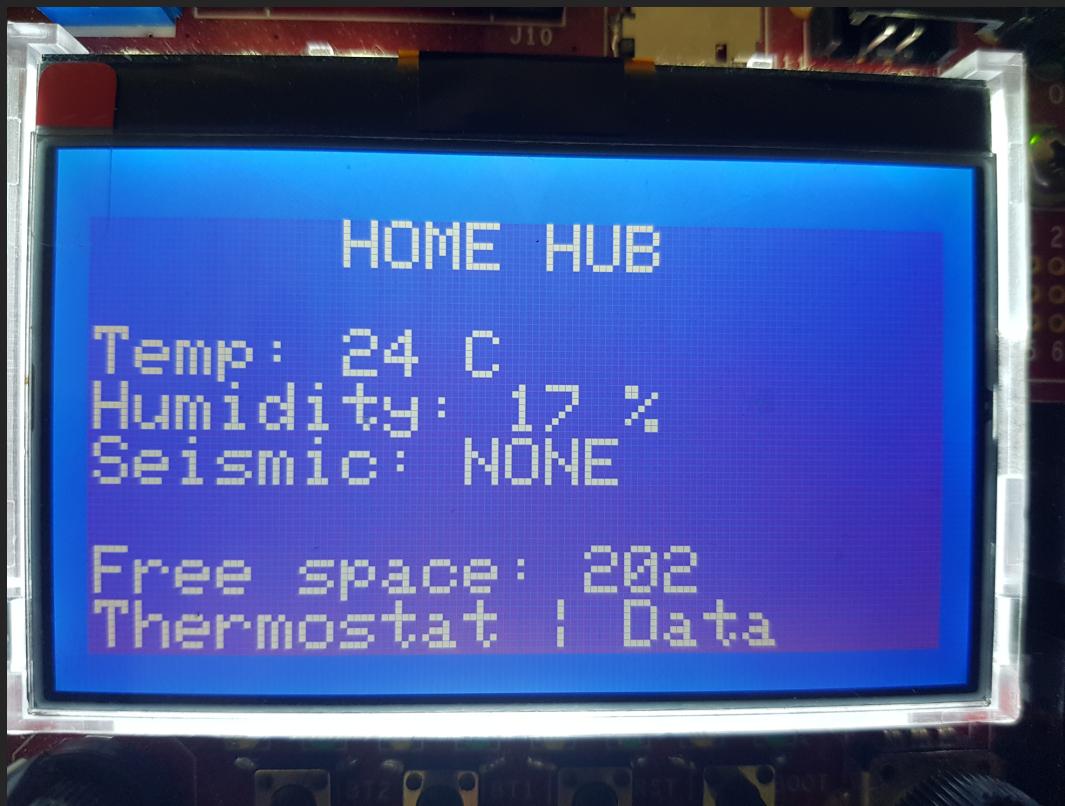
Data is stored in EEPROM memory

Able to be read out using UART in .csv format

Or directly on display

User interface

Home hub



User interface

Thermostat



User interface

Data screen

