

# Project PressureSensor

This is a description and collection of requirements for the project "Pressure Sensor" .

It is an embedded C project which is focussed on the software development over the whole V-Cycle.

The project realizes a mobile device which measures the air pressure very often in order to visualize these data in a graph.

## Chapter 1: System Requirements

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### Description and requirements on system level

The system shall

- be small and portable
- run with a battery at least 3 hours

The system includes

- a microcontroller
- a sensor to measure the pressure

## Chapter 2: Software Requirements

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