Hermann Requirements Gathering

Sub-system 1 (IoT Sensors)**:**

1. What data would you expect to be recorded by the sensor? Prioritise the following suggestions for device data recording, with 1 being the most important data, to 6 as the least important data.

Sensor Data Recording	Priority (1-6)
Humidity	4
Temperature	2
Dangerous Gases (Carbon Monoxide and Flammable Gases)	1
Carbon Dioxide	1
Infrared	?
Light	6

Sub-system 2 (Webserver/DB):

1. What level of scalability do you require for the platform?

☐ HIGH (x) ☐ MED ☐ LOW

2. What level of availability do you require for the platform?

☐ HIGH (X) ☐ MED ☐ LOW

Sub-system 3 (Web Application):

1. What functionality do you anticipate using in a web-application for this product? Prioritise the following suggestions in order of importance where 1 is the most important and 6 is the least important to you.

Functionality	Priority (1-6)
Varying levels of privileges for device management and viewing?	4
Quick summary view reporting for devices?	5
Account management functionality?	3
Export functionality for reports to Word, Excel or other?	6
IoT device management?	2
Accessible from a range of devices?	1

Sub-system 4 (Data Representation):

1. How would you like the data to be visualised?

☐ Line Graphs (x) Other _____

2. Apart from seeing timed events such as daily, weekly, monthly and annually, what else would you like to see?

A   summary   over   certain   time   frames

_____

_____

_____

Sub-system 5 (Short-term Decision Making):

1. How, if at all, would you like to be notified of notable sensor events? (select all that apply)
   ☐ I wouldn't   ☐ Email   ☐ Website Popup   ☐ Phone Notification(x)   ☐ Other

   If other, please specify: _____