Engineer assignment

Intro -

1. Meet Yochbad, she would like to collect temperature samples from multiple sensors spread across the `Hagag` building in order to check the temperature fluctuations in the building.
2. She has multiple sensors that send those measurements to a server, during the day randomly.
3. She wants to have the max, min and average temperature stored for each day, for each sensor for the past week.
4. In addition, she wants to have a min, max and avg metric for the past week for every sensor and for all sensors combined.

Description -

1. Create a workable design on how to implement a server that can handle such sensor data, store it and present the information to the user.
2. Implement a server that will be able to handle hundred sensors.
3. Implement an ability to present these settings (simple!) using simple commands to the screen or to a file:
    a. Show the max, min, avg temps for every sensor.
    b. Show the max, min, avg temps for all sensors.
4. Make sure you use the proper data structure that can handle this data efficiently.
5. Don’t forget to consider cases where several sensors may try to send the results in parallel, moreover, some might reside in super fluctuating environments and send every second.

Additional notes:

1. Make sure the code compiles and runs.
2. You have 3 hours, if you need more time - talk to me before.

Thanks and feel free to talk to me in case there are any open issues.