**Assignment lecture 5 - Connected data**

The pendulum could be part of a larger system. In fact, during our lectures series, it is part of a larger system as your computer is creating its brain and directing the controls. Now you should come up with an ultimate division of the tasks and processes involved in the whole project. Thus:

* What process should be performed where (cloud-gateway-edge)?
* Based on the control problem, what delays are acceptable?
* How often to you think the linking datafile (JSON-LD) should be synchronized?
* What strategies could help to further minimize the data that needs to be communicated?
* What would be the information you would want to put into the JSON-LD file for the pendulum?
* What would be needed so that the next year students could do this project entirely virtual, so without the need to connect to the pendulum itself?

Text

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