TU Clausthal

Exercise – 4

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Deadline: 10.06.2024 – 1:59pm

Task(s):

You must design a simple IoT system for monitoring and controlling energy consumption in a home. The system should provide recommendations for energy efficiency improvements.

Task 1

- It would help if you started by researching which types of appliances in a home consume the most energy.

Task 2

- After identifying the high-energy-consuming appliances, you need to design a model of their monitoring system using design software like UML or any other modelling software.

Task 3

- You should write a scenario demonstrating how their system can reduce energy consumption during different times of the day, especially during peak usage hours.

Questions?: etce-iot@tu-clausthal.de

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