Reasonable heating use. Identify the optimum position for using heating appliances at given times to save electricity.

Collect data thanks to the board and its embedded sensors

Using the temperature sensors of the board and installed several boards in different parts of the gymnasium or the classroom. We can also set alarms to notify the users when the temperature riched the min level.

Display the data to get the needed information

The data is saved in csv files from each board and analysed.

Analyse the data and learn from them

Using the data, we can study the transmission of heat in different points of the gymnasium/classroom with the time needed to heat the points that are situated the most far away from the heating device. The data collected will be used for making maths computations in order to optimise the heat consumption.

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Replicate the Inquiry-based approach   Ideas of project