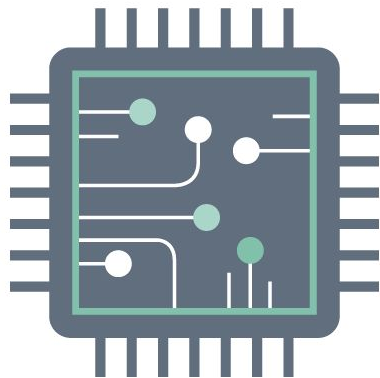


# Smart Heat Volume Meter



Prepared by:

Yaroslav Morozevych

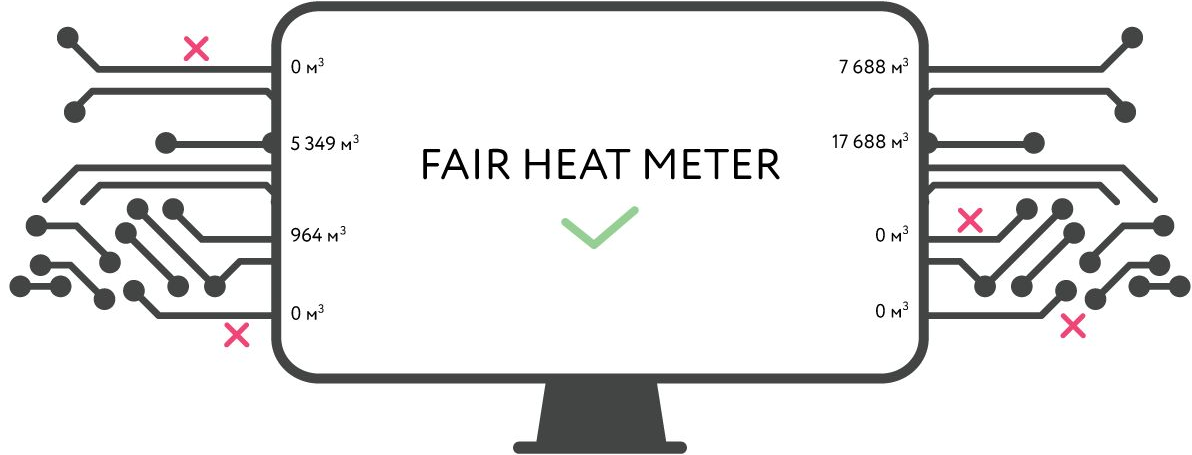
Sofia Myntiuk

Yana Muliarska

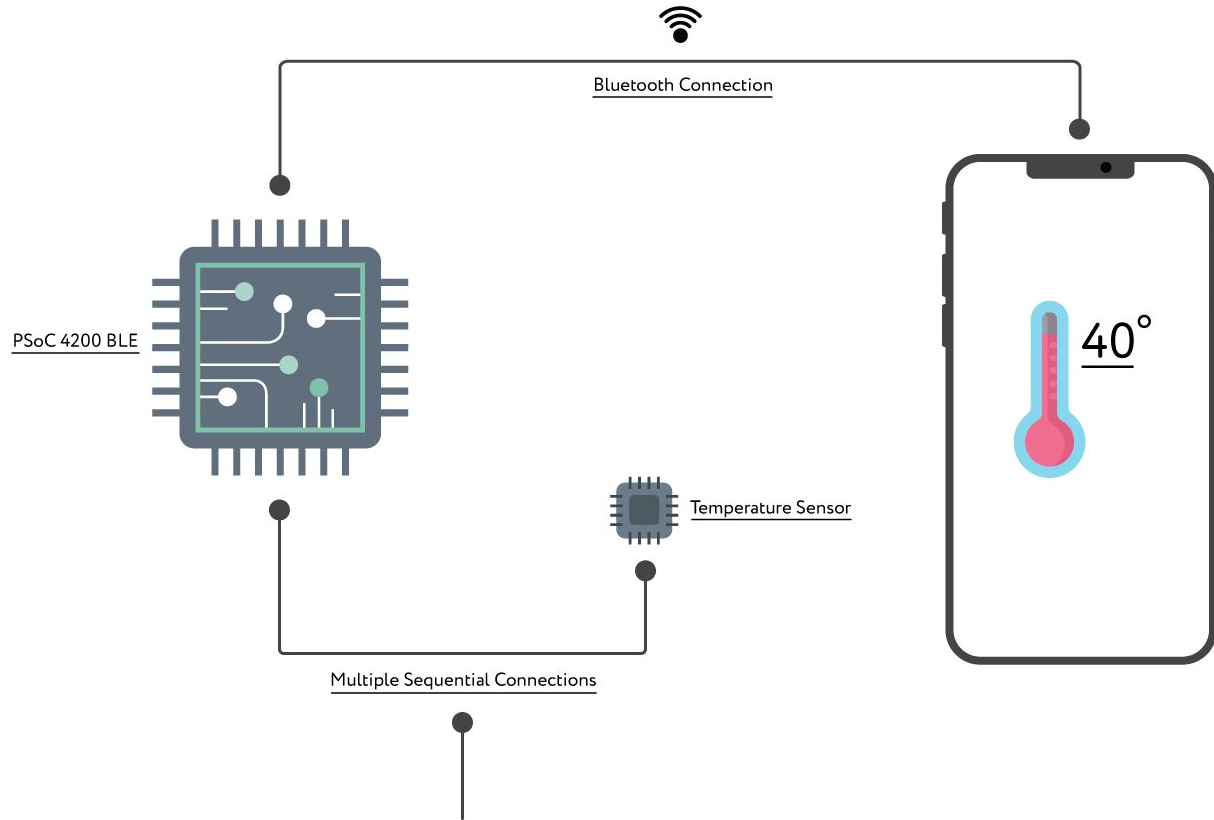
## Problem of centralization



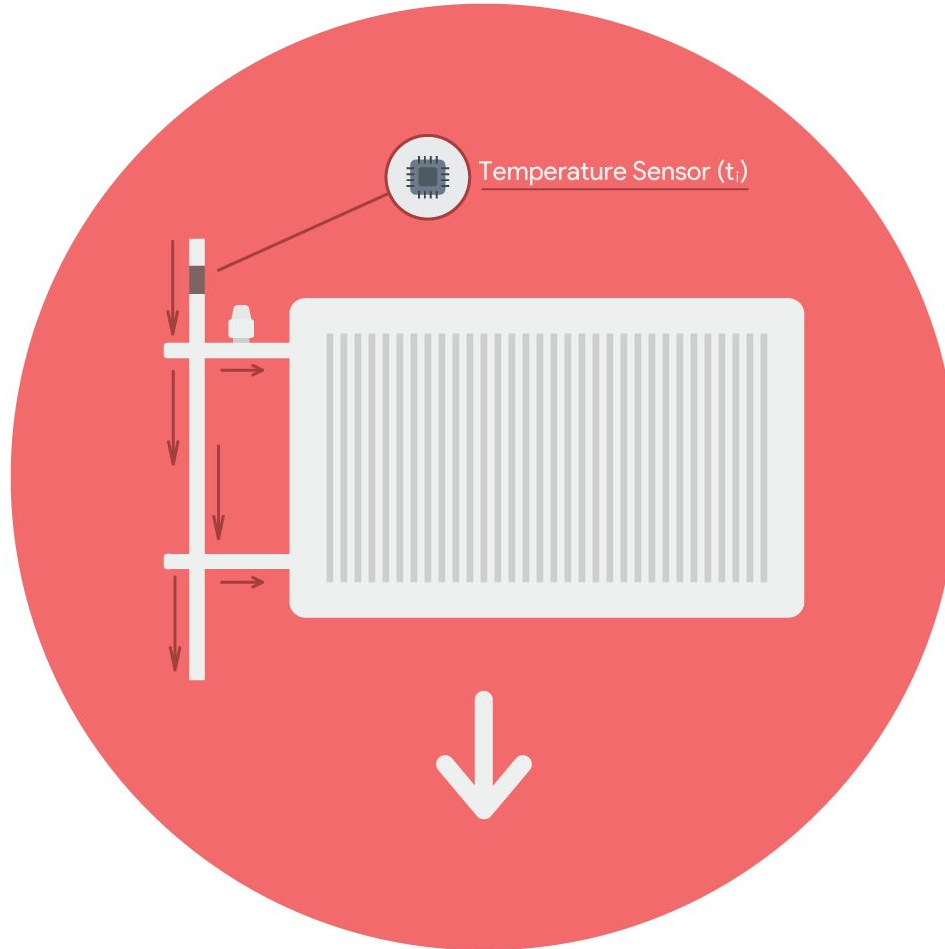
Problem solution



# Project Scheme



## Heat Amount

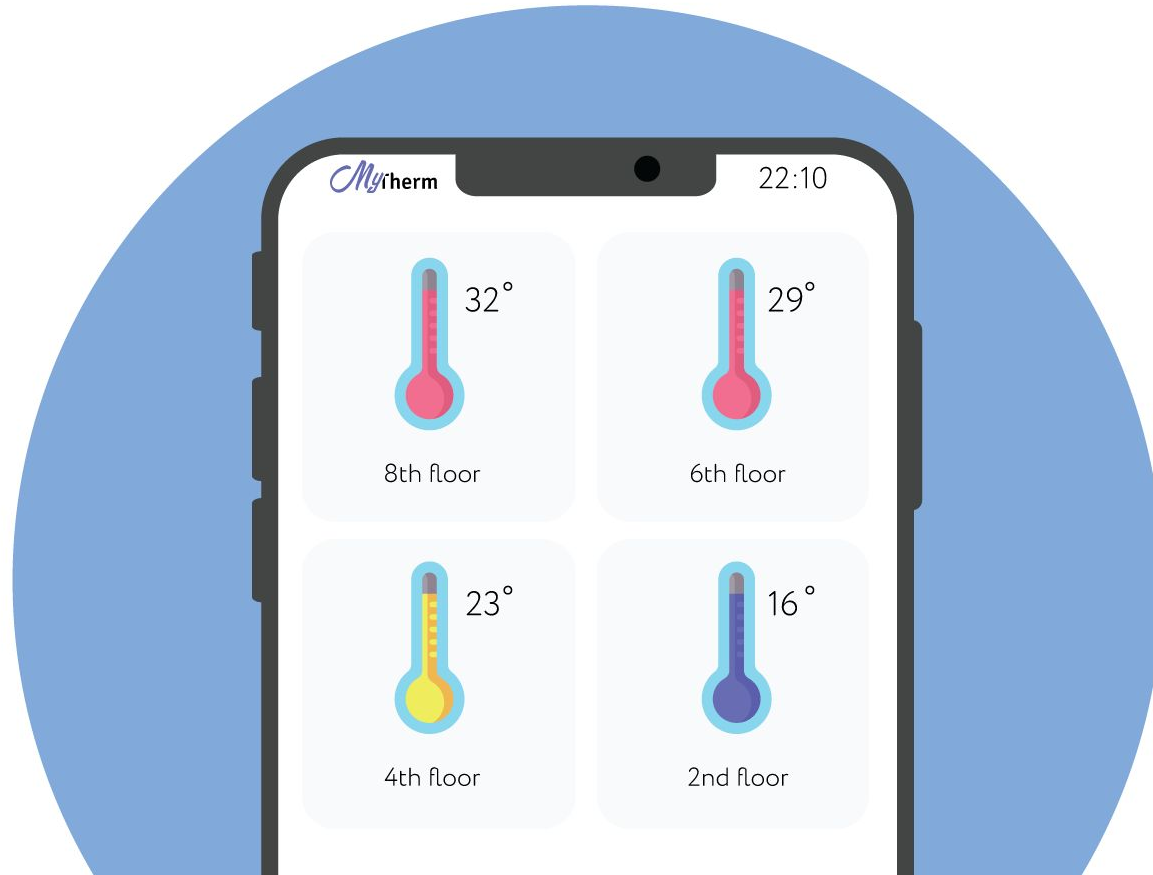


$$Q_i = cm * \Delta t_i$$



$$\frac{Q_i}{Q} = \frac{cm * \Delta t_i}{cm * \Delta t} = \frac{\Delta t_i}{\Delta t}$$

# User Experience



### What we have done:

- ✓ Connected device to smartphone
- ✓ Connected a heat sensor to the board
- ✓ Rewrote and refactored almost all the code
- ✓ Dealt with the installation of device
- ✓ Found the way to measure heat amount

### What we need to do:

- Create a system of devices using Mesh
- Write an app for our device
- Create a shape for our device

Any questions?

