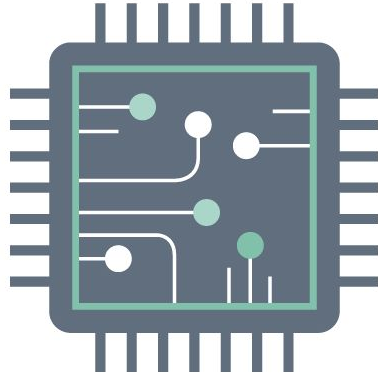


# Smart Heat Volume Meter



Prepared by:

Yaroslav Morozevych

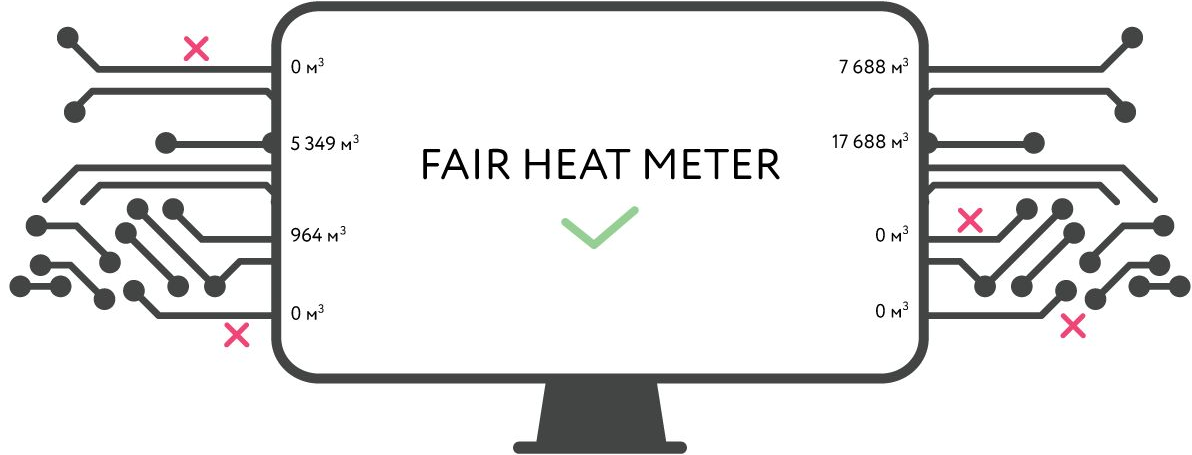
Sofia Myntiuk

Yana Muliarska

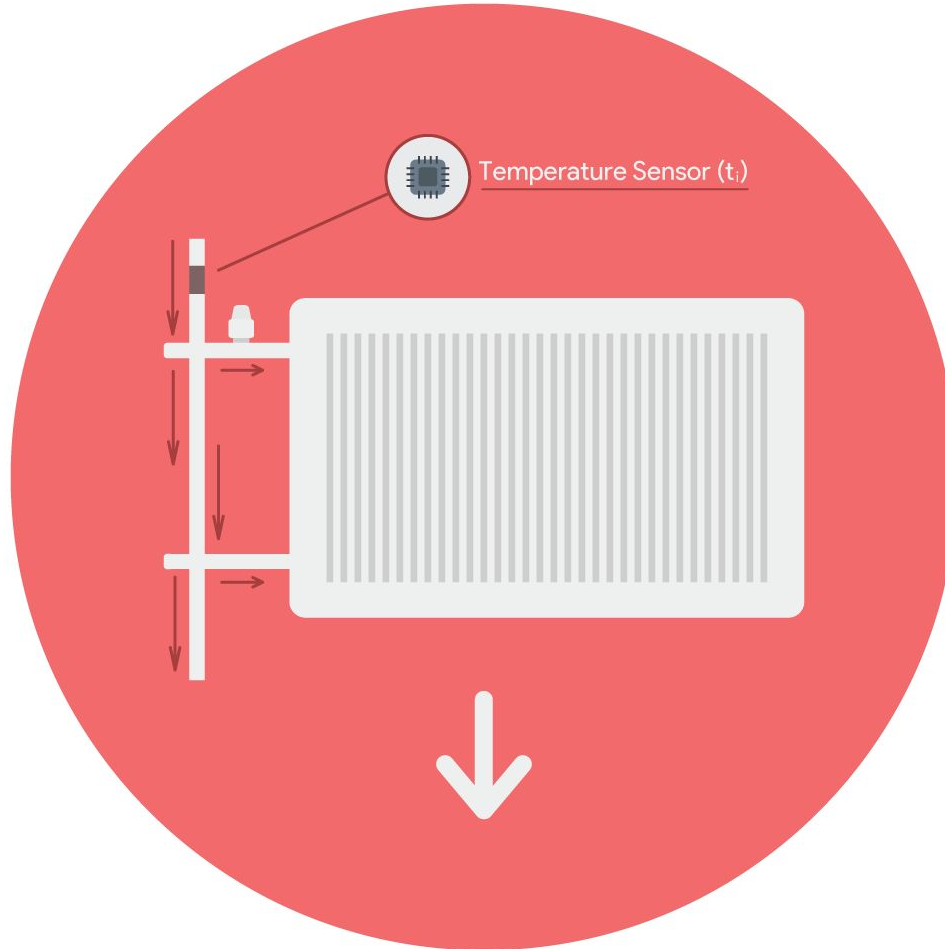
## Problem of centralization



Problem solution



## Heat Amount

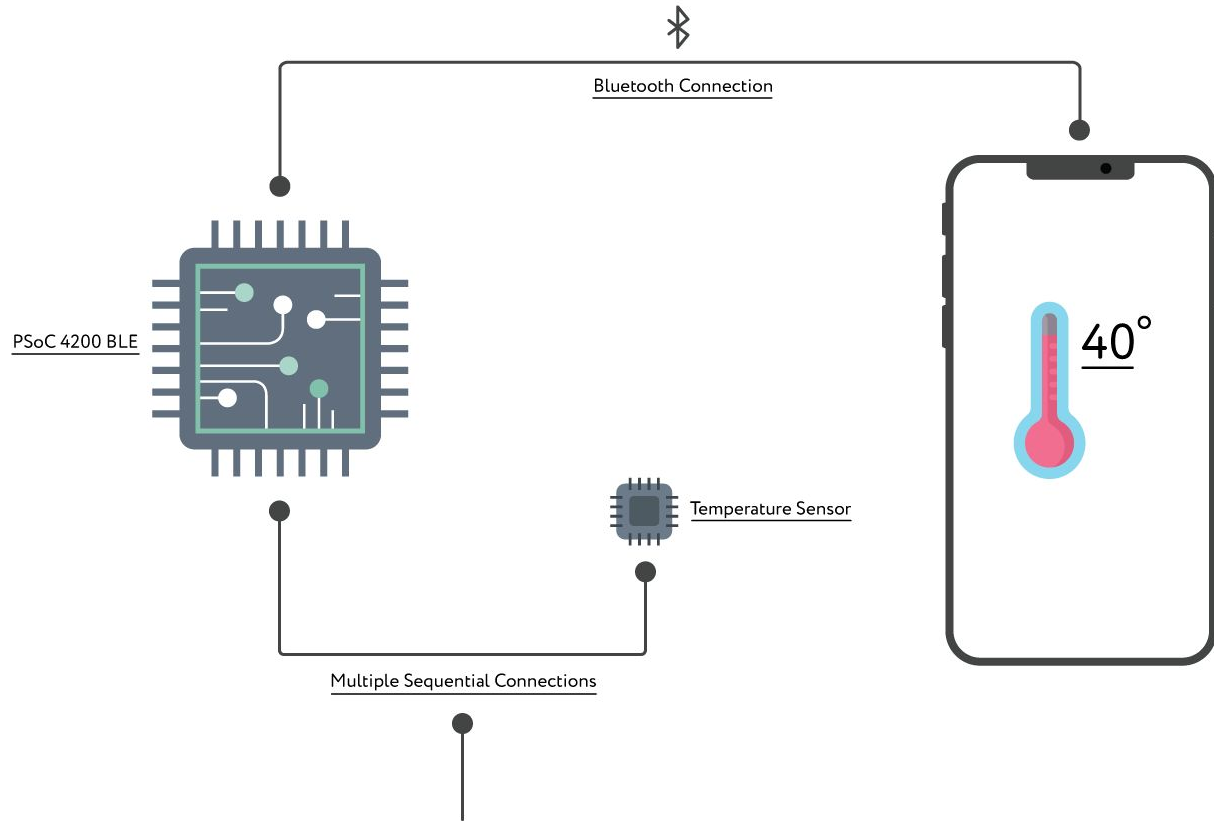


$$Q_i = cm * \Delta t_i$$



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

# Project Scheme



9th FLOOR



...

2nd FLOOR



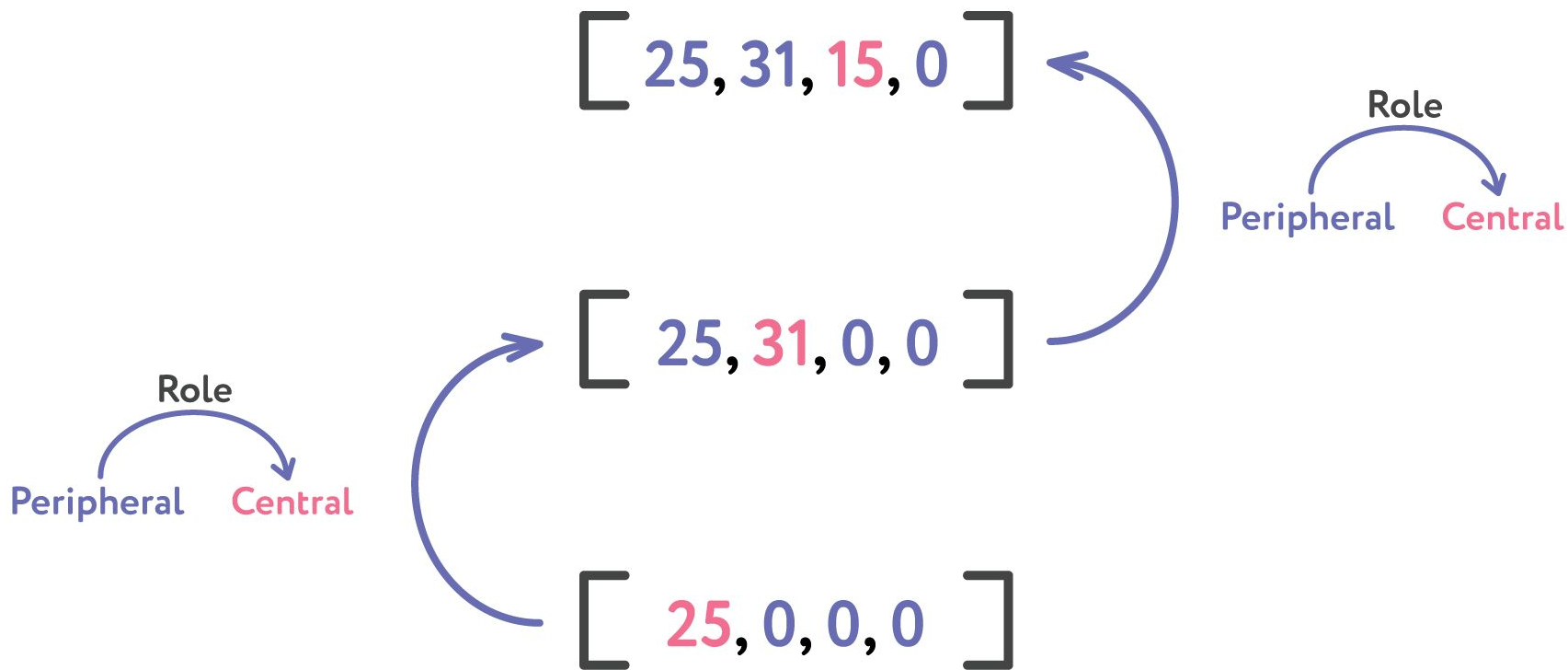
1st FLOOR



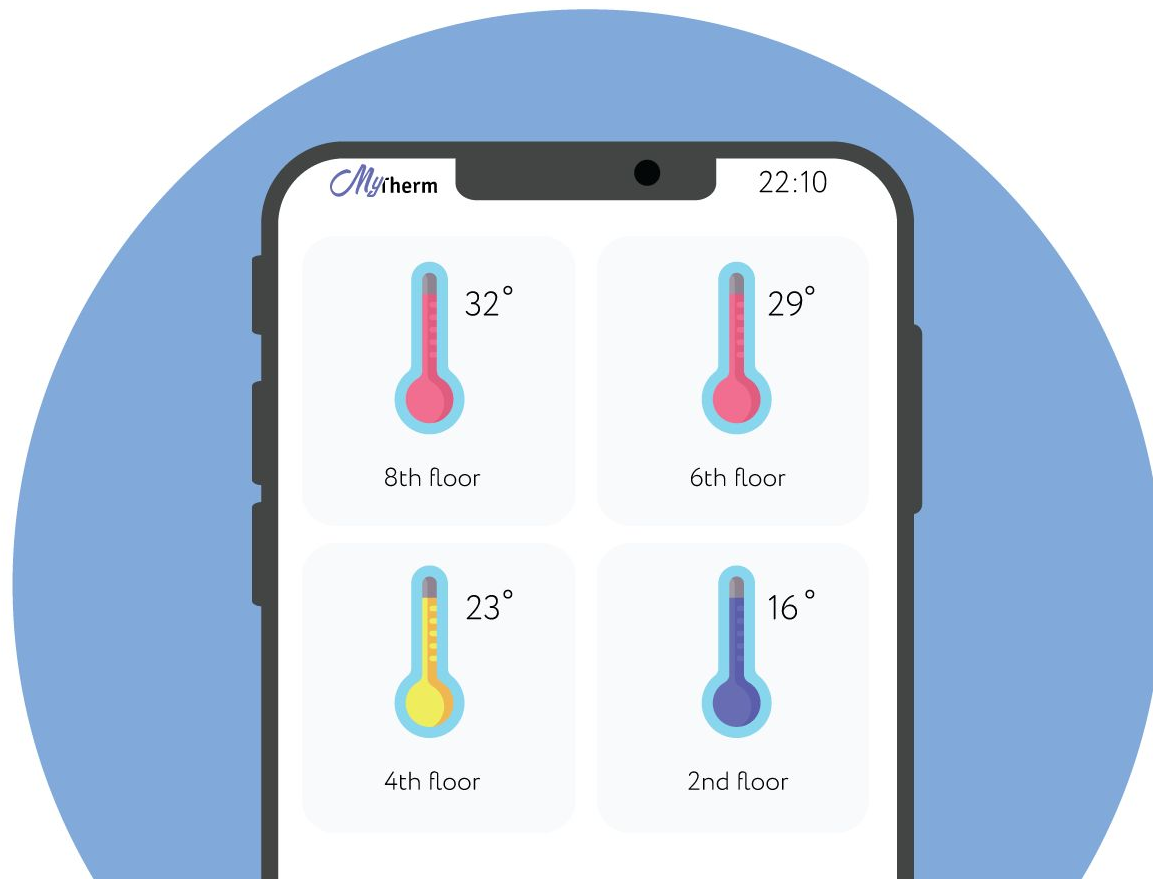
based on

WHOLE  
SYSTEM

BLE MESH



# User Experience





## What we have done:

- ✓ Connected device to smartphone
- ✓ Connected a heat sensor to the board
- ✓ Rewrote and refactored almost all the code
- ✓ Found the way to measure heat amount
- ✓ Created a system of devices using Mesh

## What we need to do:

- Write an app for our device
- Create a shape for our device

Any questions?

