Project i2home

Martin Klima

Project i2home

- Controlling of home appliances of the new generation
- Networked
- New means of interraction

Universal
Control
Hub

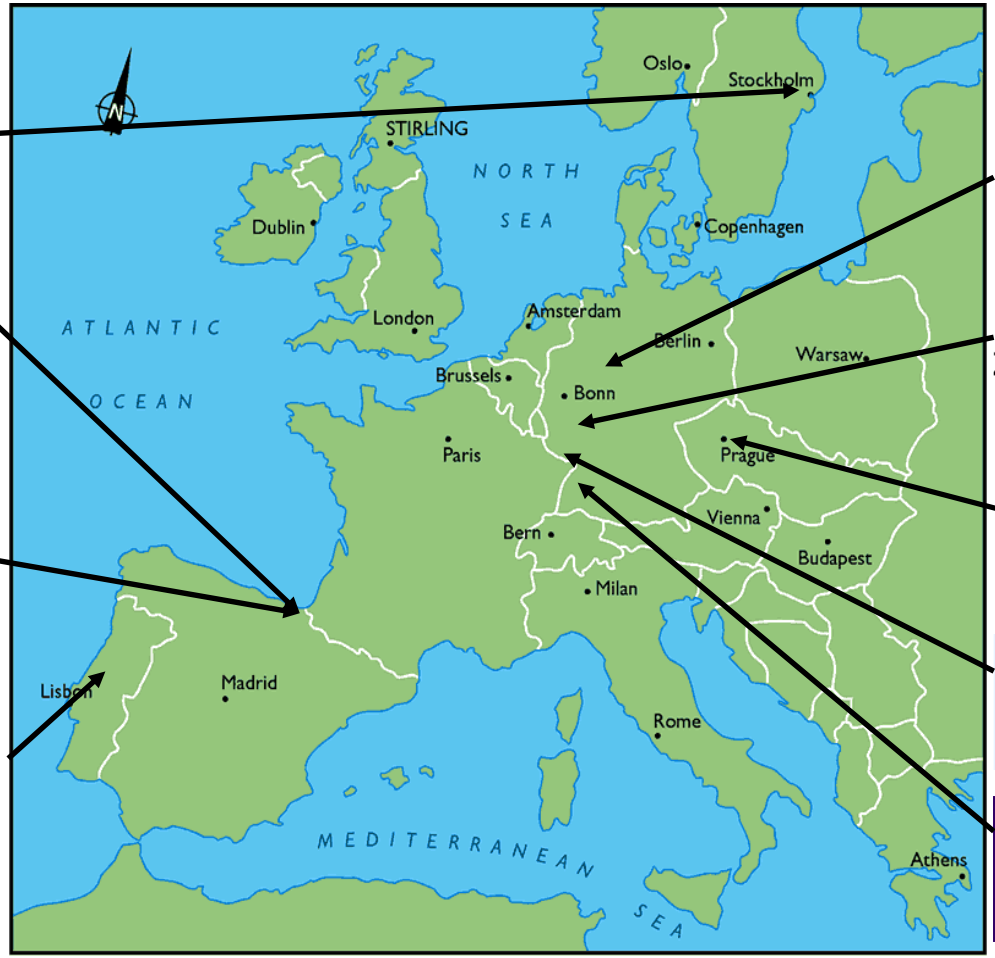
i2home consorcium

Hjälpmedelsinstitutet

ingema
instituto gerontológico Matia

VICOM Tech
VISUAL COMMUNICATION TECHNOLOGIES

meticube
ENGENHARIA DE SOFTWARE



c-lab

Zentrum für Graphische Datenverarbeitung e.V.

ACCESS
TECHNOLOGIES GROUP

State of the Art controllers

This is what
we want
to avoid ☺

Scarry example of a single controller

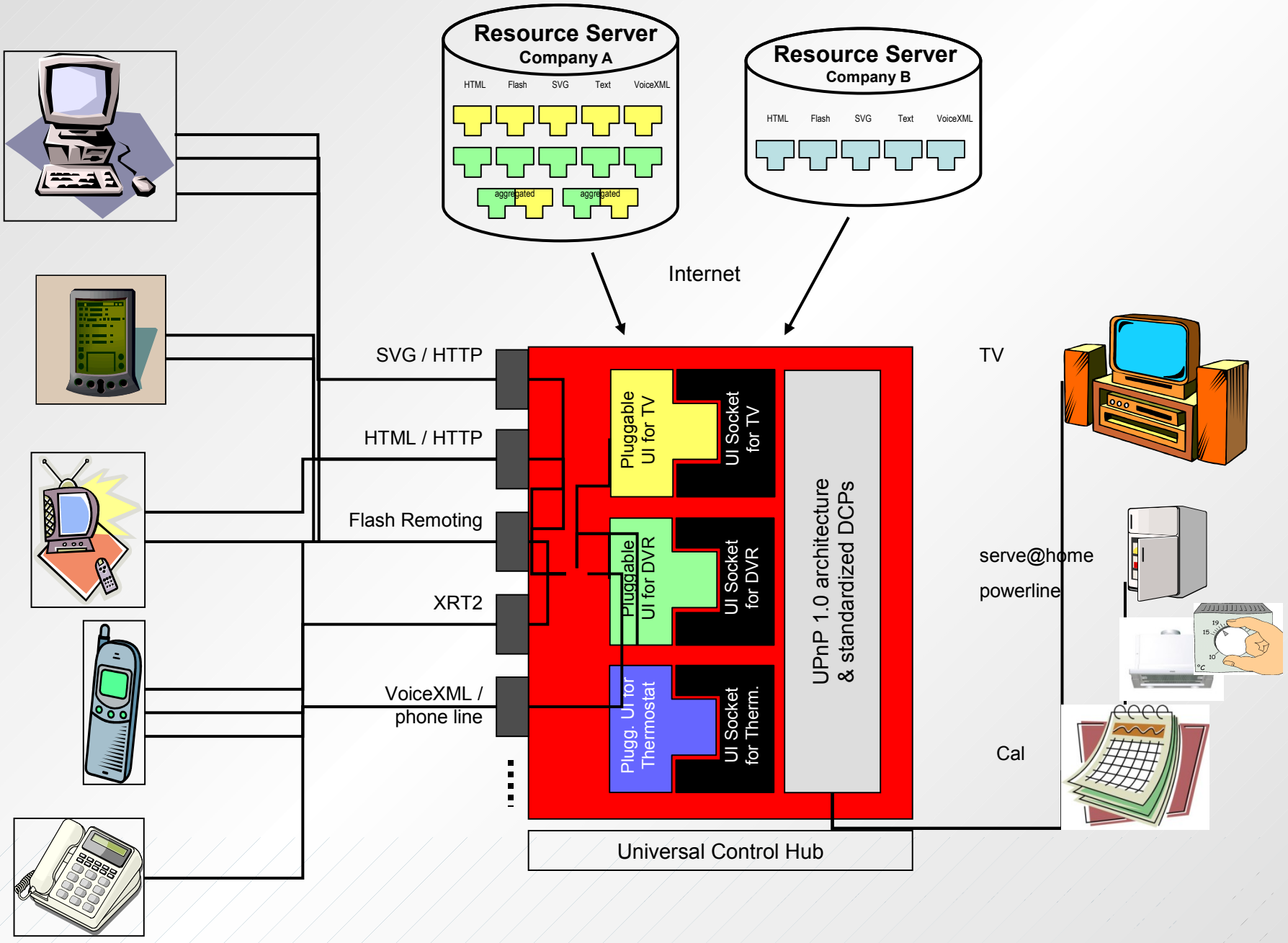
…since we sometimes feel like this

Goals

- User centered design

- Simplicity
- Accessibility
- Usability

The URC Framework—ISO/IEC 24752-{1-5}



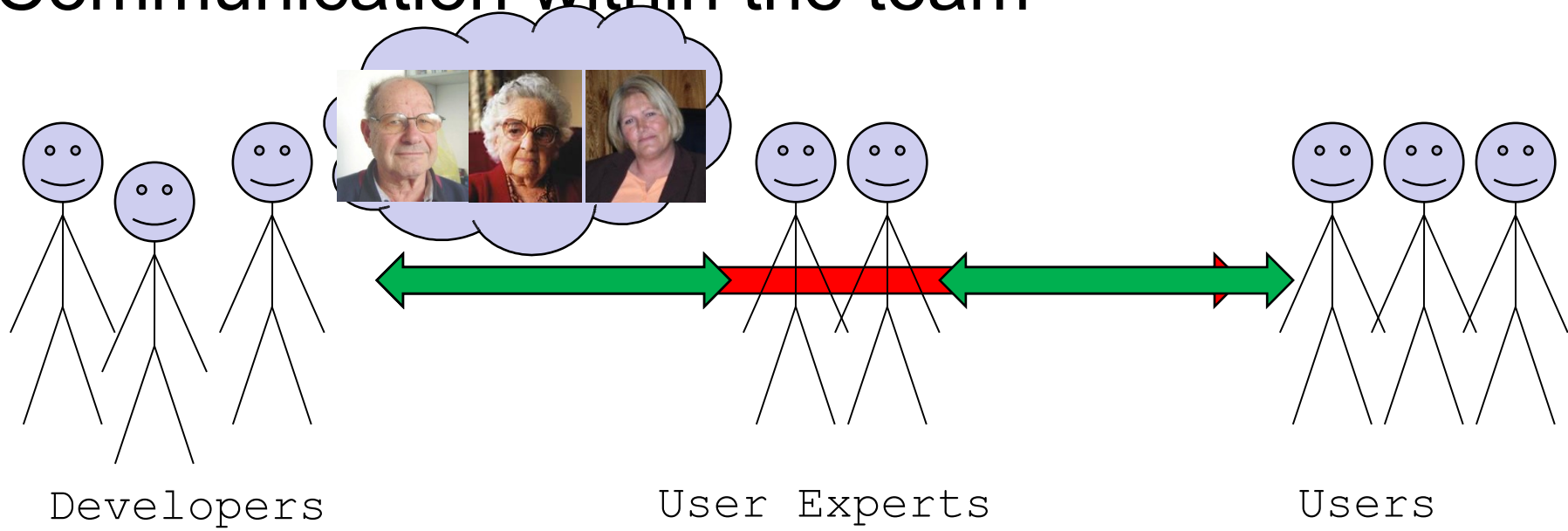
CTU tasks

- Leading the User Centered Design
- Specification of requirements
- Design and development of prototypes
- Development of software targets

- Tools for fast development of flash-based UIs

What the personas are good for

Communication within the team



User Centered Design

Blanka

Arnošt

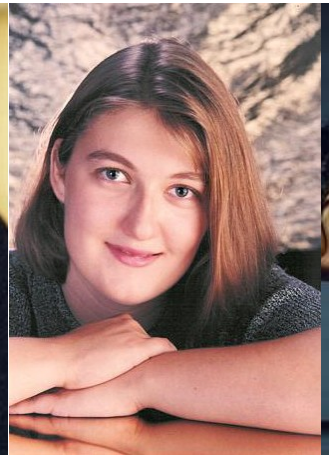
Jiřina

Cyril

Manuela

María

Eva



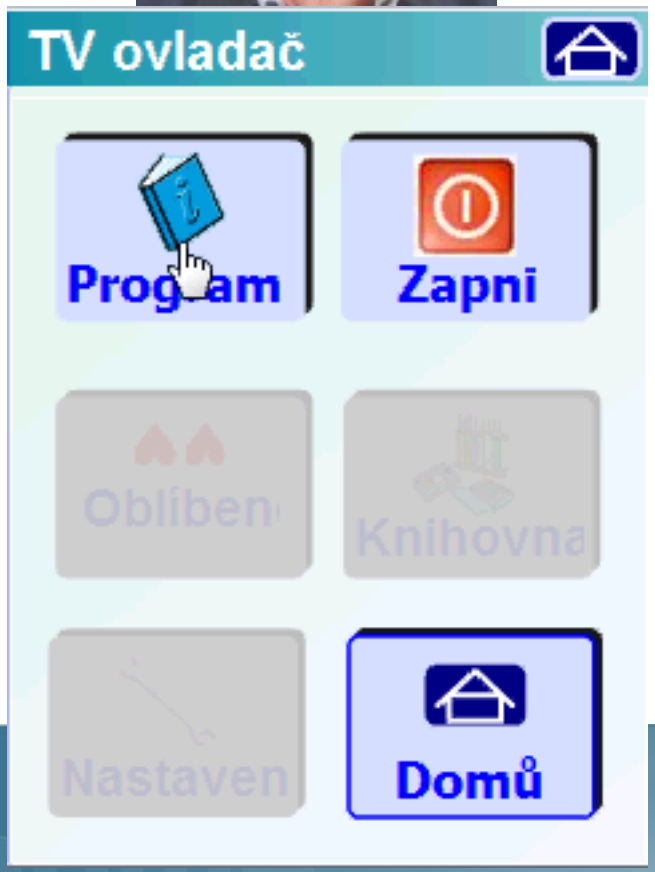
Emma

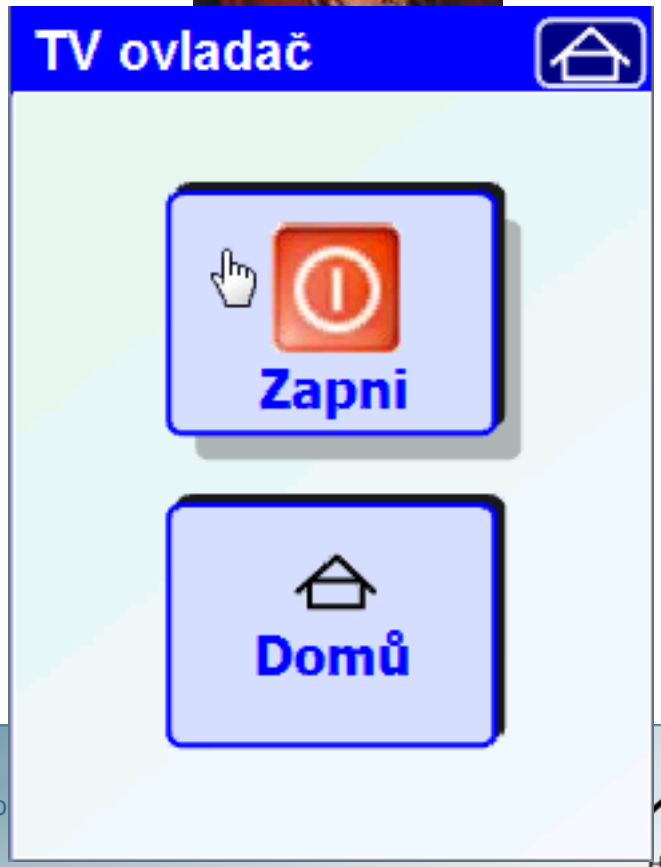
HVAC

Klimatizace
Vypnout
Nastavit časovač
Systém je právě Zap
Skončí v 23:00
Aktuální 24°C
Cílová teplota
28°C
Počasí
11,5°C
Detaily

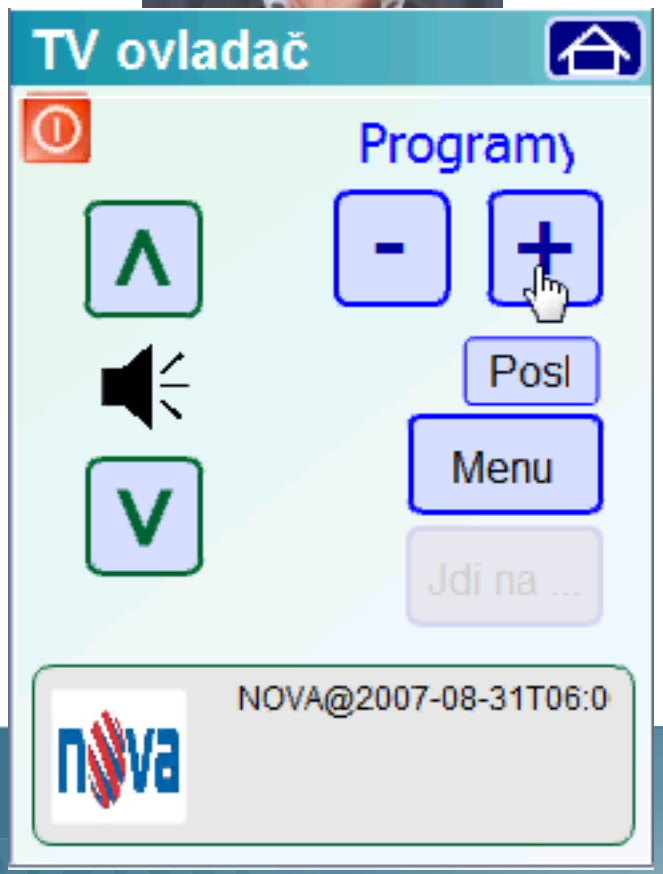
Klimatizace
Aktuální teplota 24 °C
Cílová teplota 22 °C
Počasí
11°C
Jasno, lehký vítr

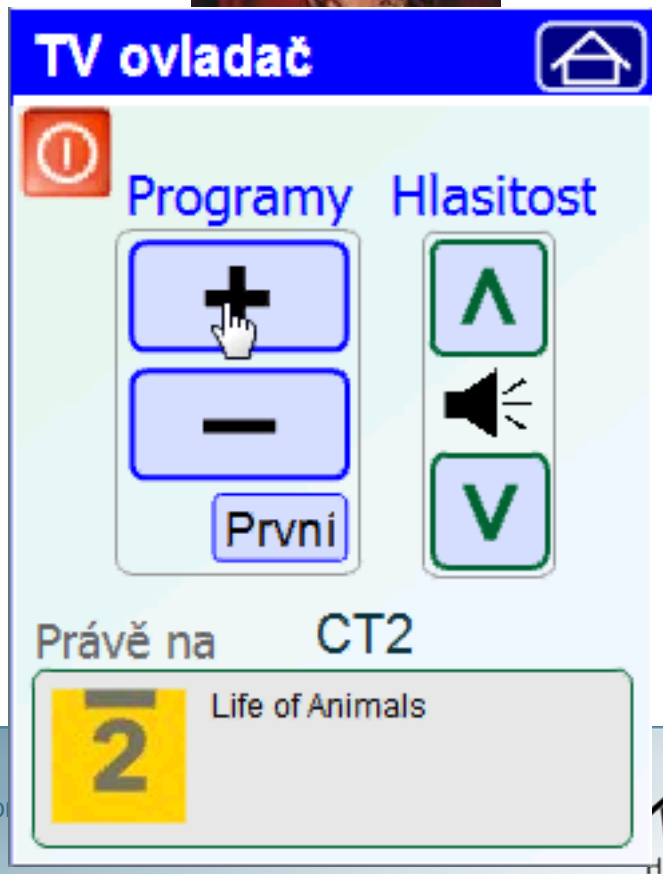
TV


TV ovladač
Program
Zapni
Oblíben
Knihovna
Nastaven
Domů

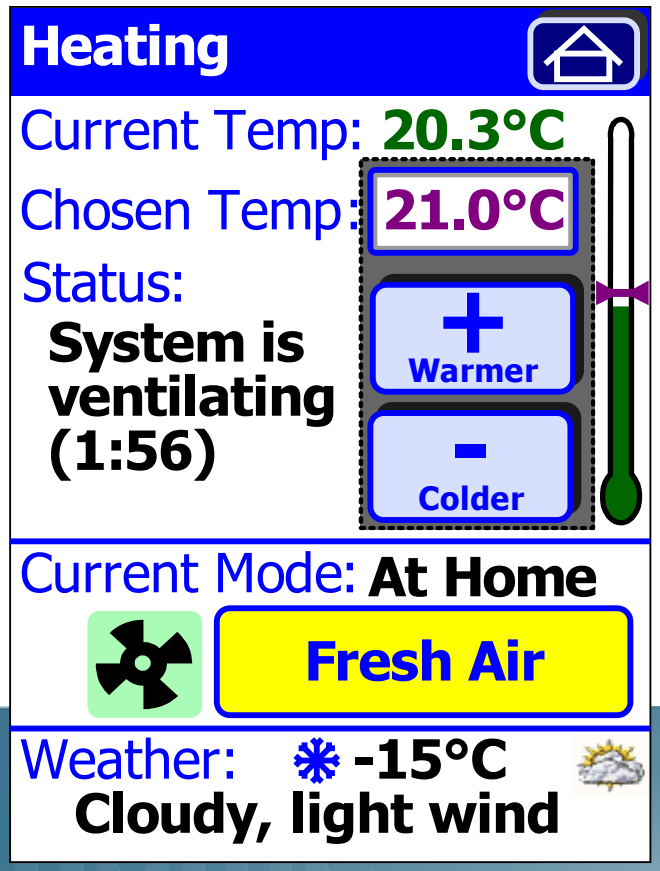

TV ovladač
Zapni
Domů

TV


TV ovladač
Programy
-
+
Posl
Menu
Jdi na ...
NOVA@2007-08-31T06:0


TV ovladač
Programy
Hlasitost
První
Právě na
CT2
Life of Animals

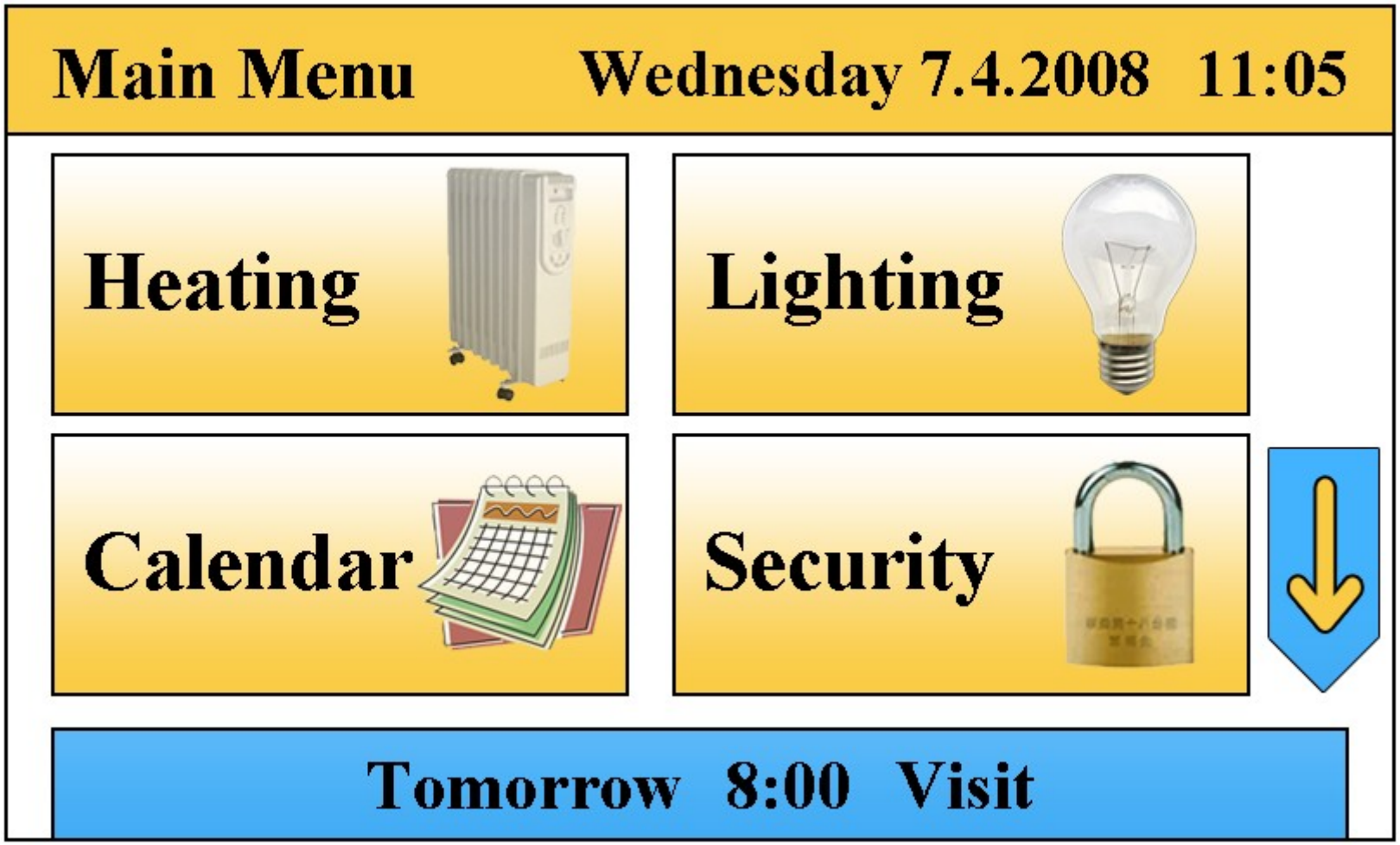
Wrong ways


Heating
Current Temp: 20.3°C
Chosen Temp: 21.0°C
Status:
System is ventilating (1:56)
Warmer
Colder
Current Mode: At Home
Fresh Air
Weather: -15°C
Cloudy, light wind

Klimatizace
Aktuální teplota 24 °C
Cílová teplota 22 °C
Počasí
11°C
Jasno, lehký vítr

TV with avatar

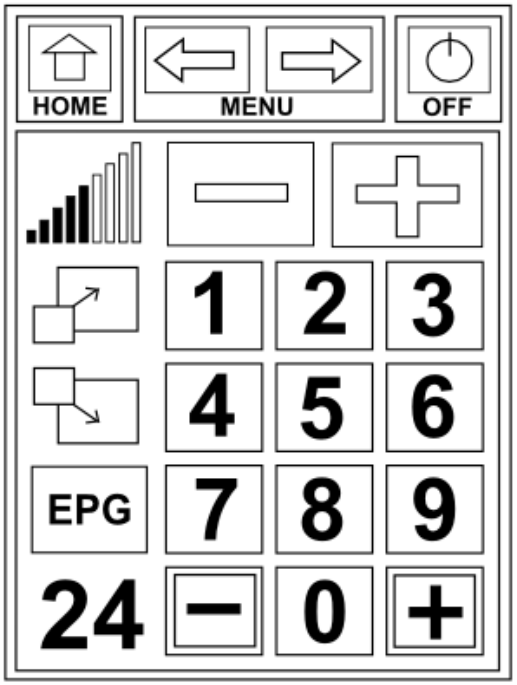
Examples of prototypes



E-shop

Mléčné výrobky
Pečivo
Flora
27 90
Flora, Flora light
Apetito
MAXI XXL
36 90
Apetito XXL
Valašské
7 90
Jogurty smetanové z Valašska
Zrušit poslední vložené
Vybrat
Vlevo
Vpravo
Konec nákupu
Vybrané položky
Pribináček
8 90
Pribináček
KRÁL SÝRŮ
HERMELÍN
od 21 90
Král sýrů Hermelín
ACTIVIA
10 90 /ks
Activia
Pečivo

PDA & TV


HOME
MENU
OFF
1
2
3
4
5
6
EPG
7
8
9
24
0

3:51 PM
Home
TV
Photos
Calendar
Heating
Channel 4
next:
BBC1
London
previous:
five
The Simpsons
3:40 - 4:10

Future Work

- Social networking
- Audio and video conferencing
- Sharing of audio and video content
- Security
  - alarm
  - medicine
- … and much more

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THANK YOU FOR YOU ATTENTION