Main screen

1. Grid resizes by size of window.
2. Grid scrolls.
3. Source code window is opened by default if source code file doesn't exist.
4. Clicking on image of device opens context menu to select device type (Computer, Smartphone etc).
5. Grid cells generated by source code parameter for device count.
6. Set all device to computers by default.
7. Disable device type changing during simulation.

Menu

1. Program menu
    a. open source code window
    b. run/stop simulation
2. Interruptions
    a. Interuption A
    b. Interuption B
    c. ...
3. Log -> open log file window

Log

1. **Log structure for default entry:** Datetime: [Device type-Device Number] -

    Result of checking

    Example: *12.04.20 12:00:02: [Printer-12] - Some message*

2. **Log structure for Interruption:** Datetime: [Interruption type] - Devices list.

    Example: *12.04.20 12:00:02: [Type] - Printer-3, Phone-5*
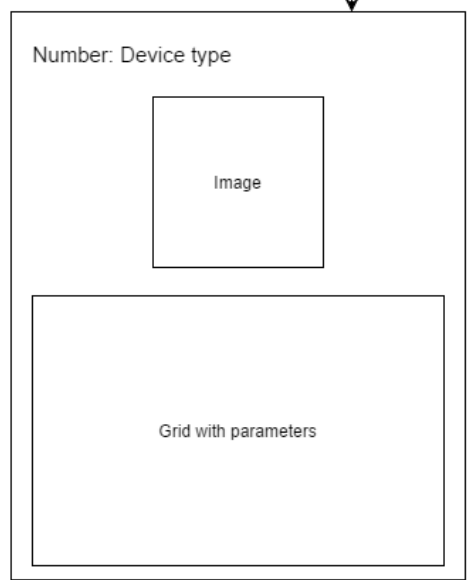
Device types & parameters

1. Device types(parameters):
    a. Computer
    b. Phone
    c. Printer
    d. Router

UI Mockups

Main screen

Program   Interruptions   Log

Select device by clicking on cell in grid

in network
image
Number: Device type
general info

in network
image
Number: Device type
general info

out off network
image
Number: Device type
out of network

out off network
image
Number: Device type
out of network

in netwok. checking
image
Number: Device type
checking...

in netwok. checking
image
Number: Device type
checking...

Show window with details info by clicking

Detailed view

Number: Device type

Image

Grid with parameters

Dashboard Design

Program   Interuption   Log

Computer-1   General Info

Phone-1   General Info

Computer-2   Checking...

Printer-1   Checking...

Computer-3   Out of network

Router-1   Out of network