Project sources

# Predictor

*MindWave's data analysis program*

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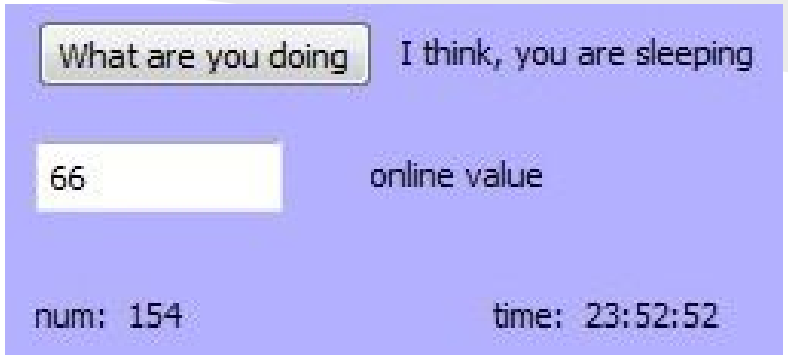
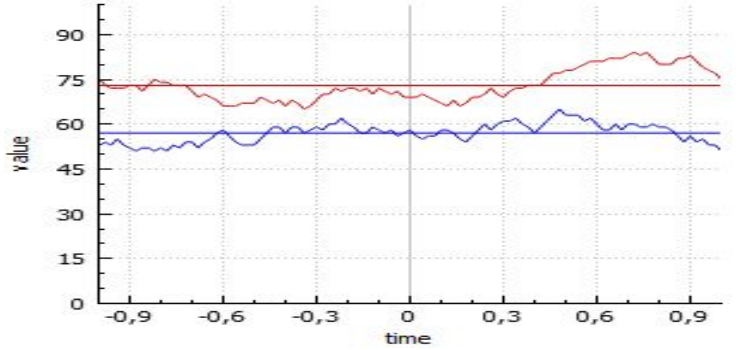
# MindWave: description and expectations


# Goals


Sleeping 63.4167 45.6667
Running 79.3333 62.6667
Reading 72.4 59.4
Playing 73.0796 56.9115
Nothing
now you say that you're playing


What are you doing
program's answer
Current Concentration: 75
Current Meditation: 51


What are you doing
I think, you are sleeping
66
online value
num: 154
time: 23:52:52


90
75
60
45
30
15
0
value
-0,9
-0,6
-0,3
0
0,3
0,6
0,9
time

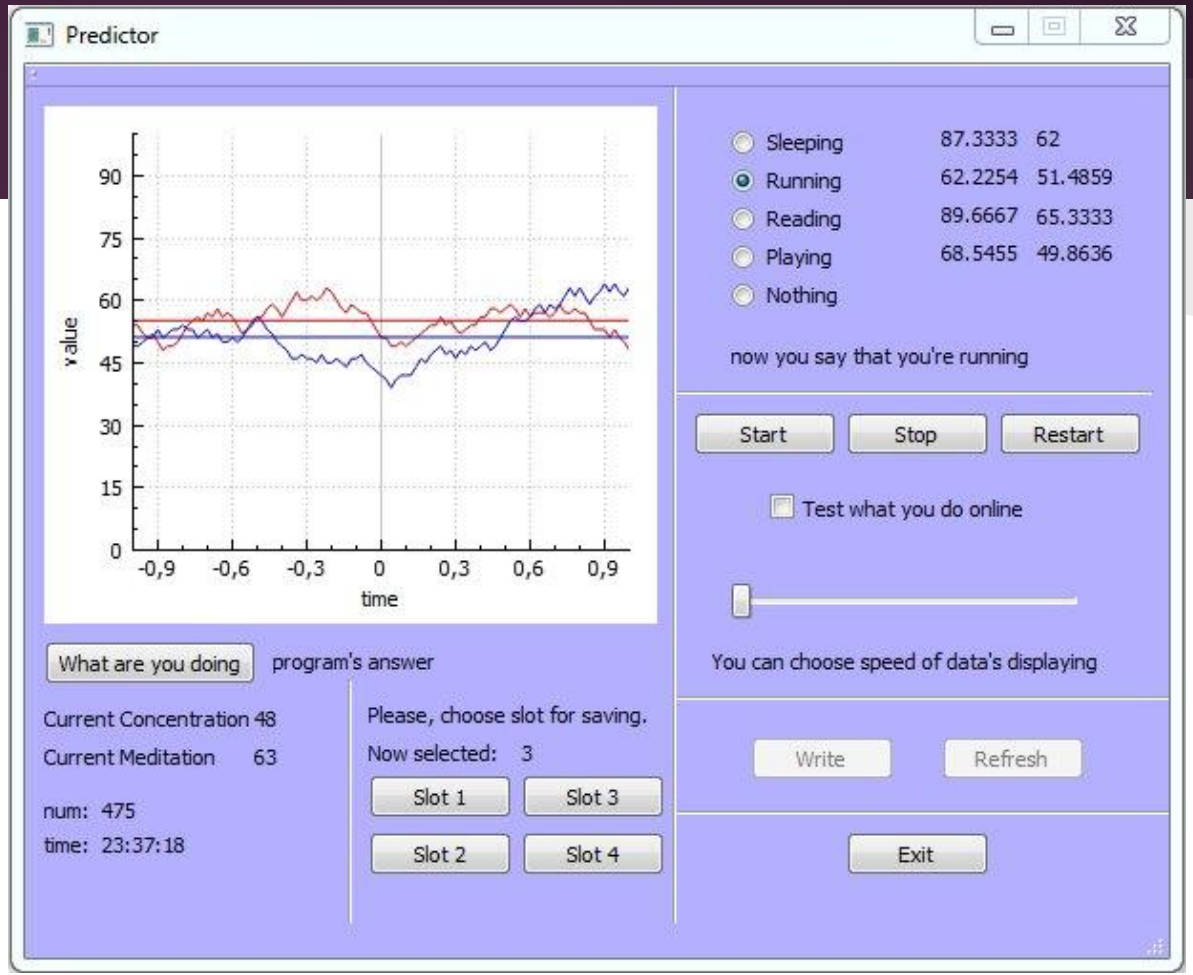
# Connection Implementation

References:

- Sample project has been downloaded here (direct link without registration)
- Produce company's site name
- And here you can download all documentation and samples for different platforms

# Interface

Link to the file with saved data from four slots. You can choose your slot in the program and the result will be more accurate



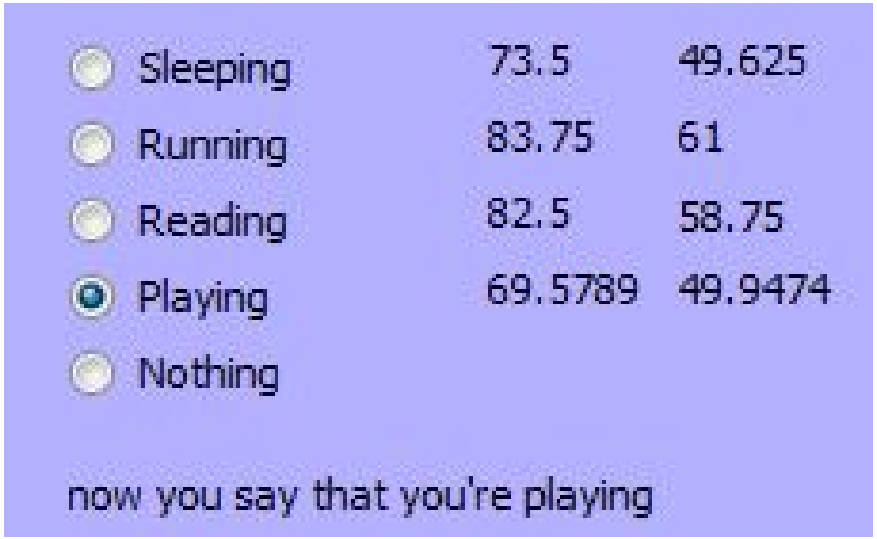
# Implementation details

- Slot1
- Slot2
- Slot3
- Slot4

Actions:
* Sleep
* Run
* Read
* Play

```
QVector <PersonalData> person;

struct PersonalData
{
fields:
    int NumSleep, ...;
    double AvConcSleep, ...;
    double AvMedSleep, ...;
methods:
    double FracSleepConc:
        return AvConcSleep/NumSleep;
}
```

# Problems with reaction

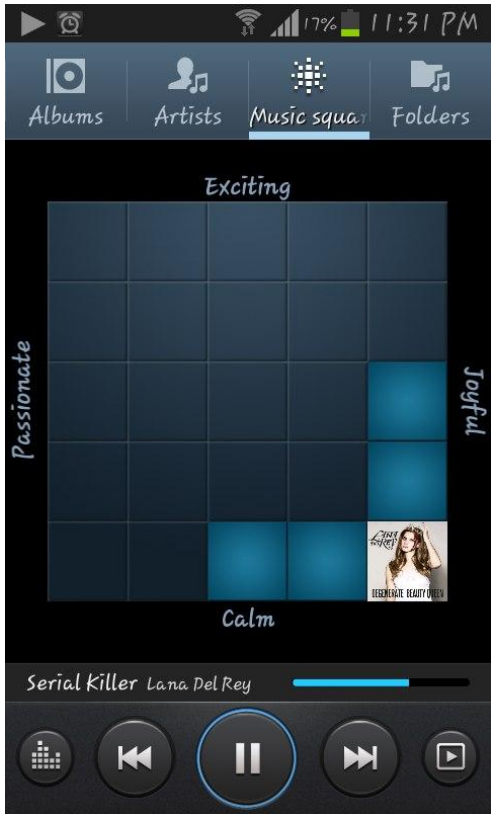



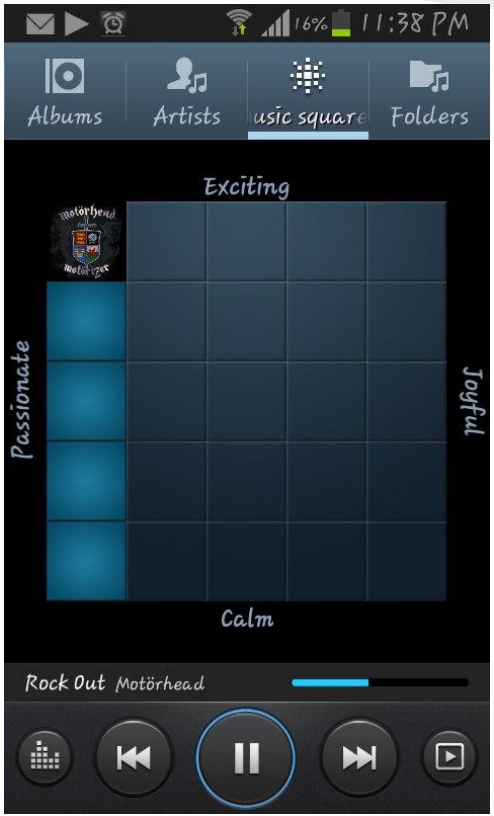
# Debugging approach

```h
#ifndef VALUES_H
#define VALUES_H

#include "libraries.h"

int getMeditationValue();
int getConcentrationValue();

#endif // VALUES_H
```

```cpp
#include "values.h"

int Meditation = rand() % 100;
int Concentration = rand() % 100;

int getMeditationValue()
{
    Meditation += rand() % 5 - 2;
    return Meditation;
}

int getConcentrationValue()
{
    Concentration += rand() % 5 - 2;
    return Concentration;
}
```

# Plans and future steps




Exciting:

- Low meditation

Joyful:

- Low concentration

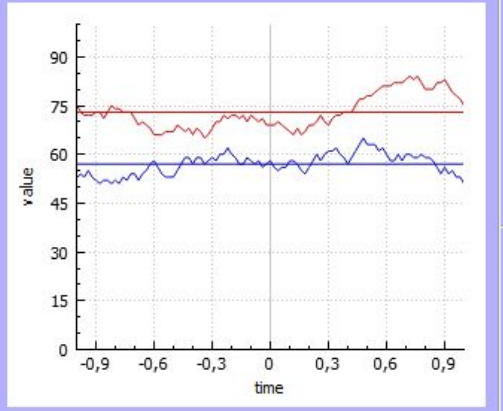
Calm:

- High meditation

Passionate:

- High concentration

Predictor




| | | |
|---|---|---|
| Sleeping | 63.4167 | 45.6667 |
| Running | 79.3333 | 62.6667 |
| Reading | 72.4 | 59.4 |
| Playing | 73.0796 | 56.9115 |
| Nothing | | |

now you say that you're playing

Start | Stop | Restart

Test what you do online

You can choose speed of data's displaying

What are you doing | program's answer

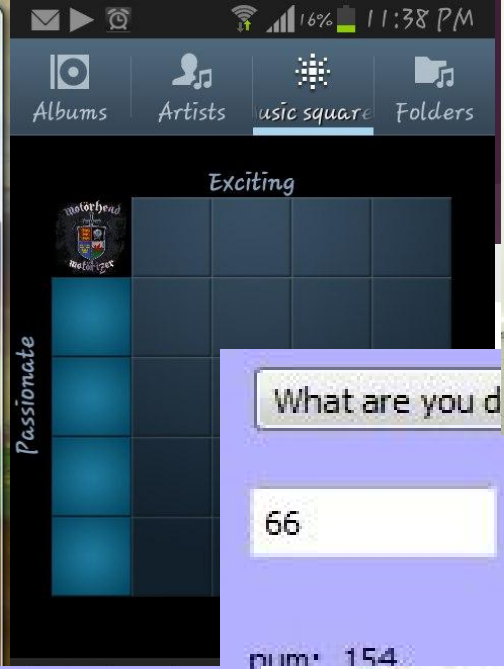
Current Concentration: 75

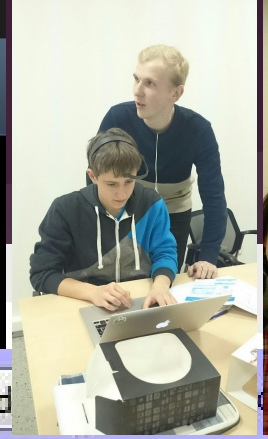
Current Meditation: 51

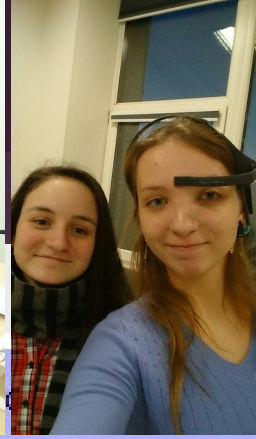
num: 219

time: 13:22:22

Write | Refresh





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