Project sources

Predictor

MindWave's data analysis program

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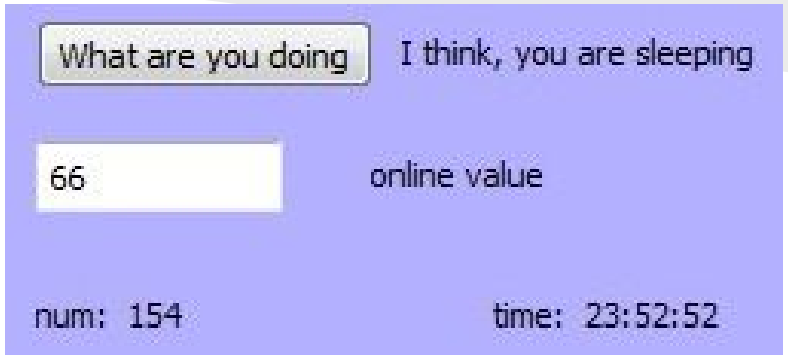
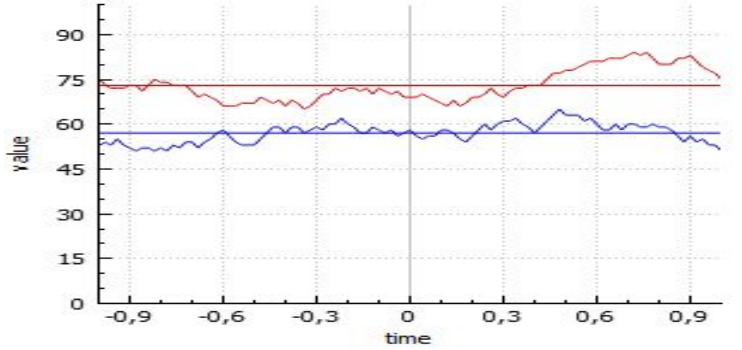
MindWave: description and expectations

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

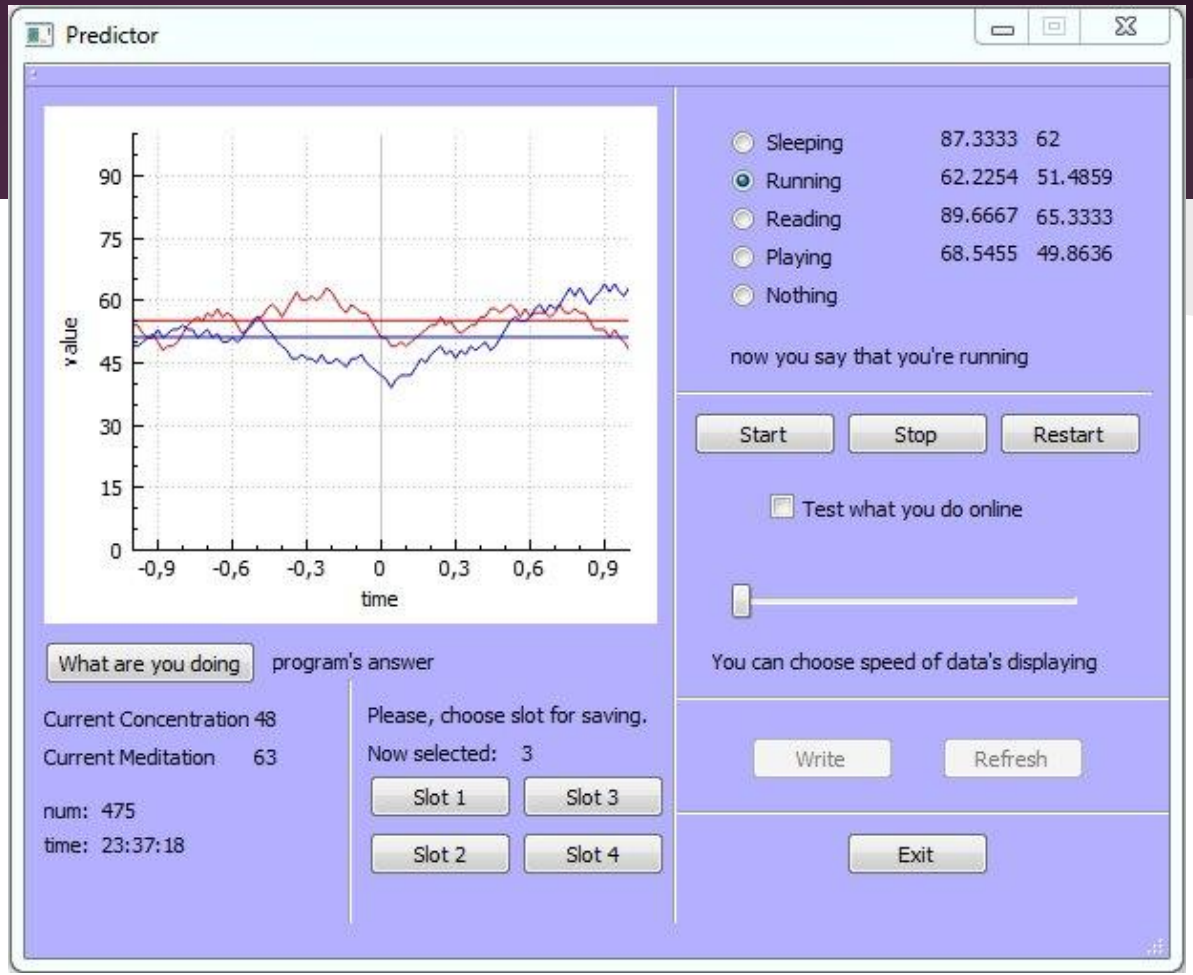
Connection Implementation

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



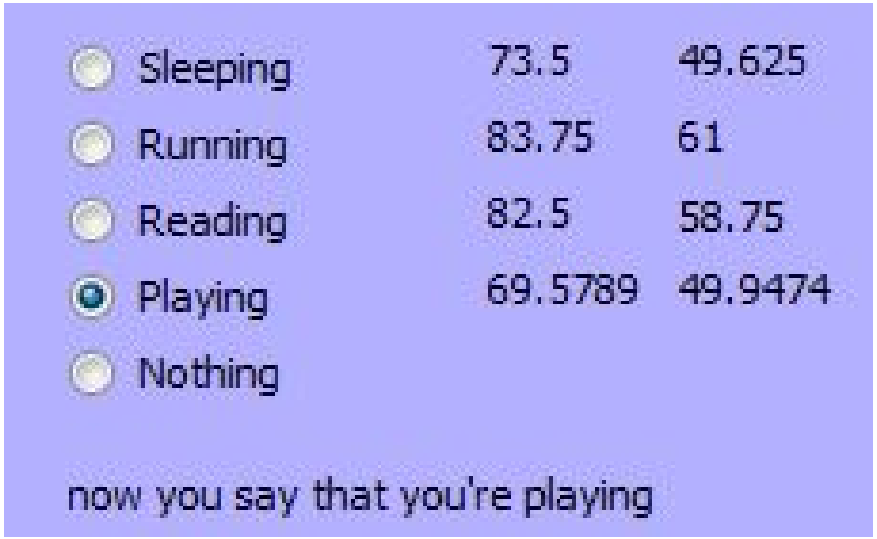
Implementation details

- 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

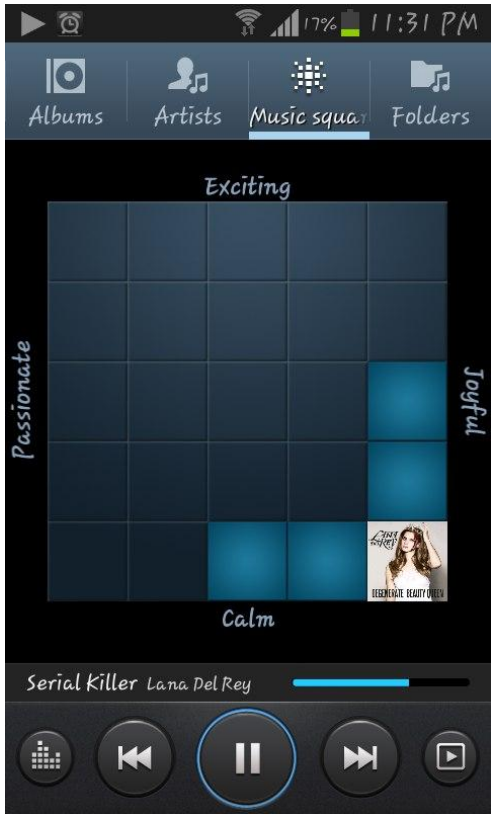


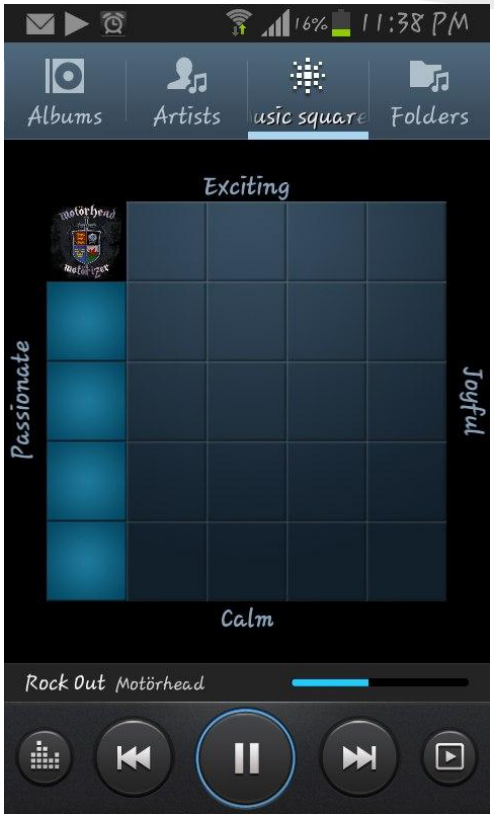
Debugging approach

```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

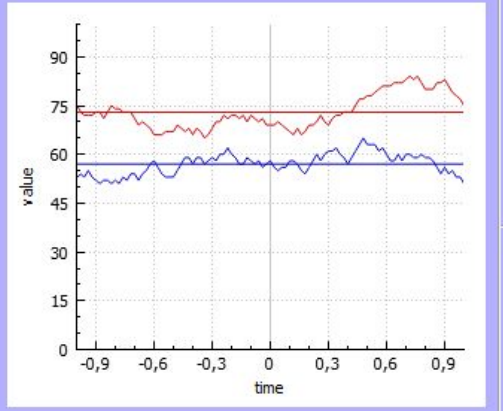
Calm:

- High meditation

Passionate:

- High concentration

Predictor



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Start | Stop | Restart

Test what you do online

You can choose speed of data's displaying

What are you doing | program's answer

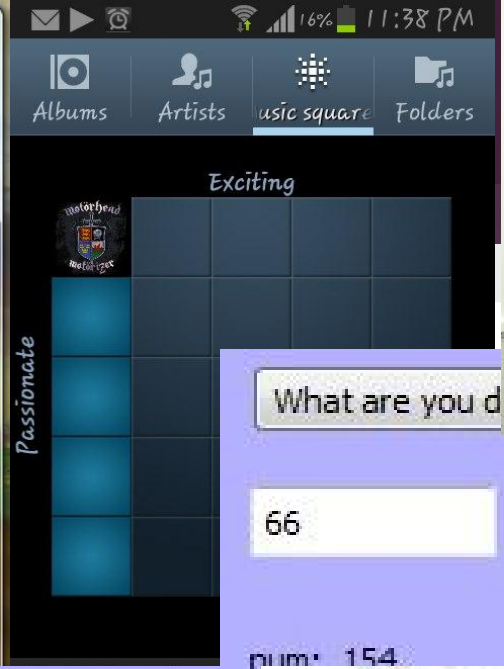
Current Concentration: 75

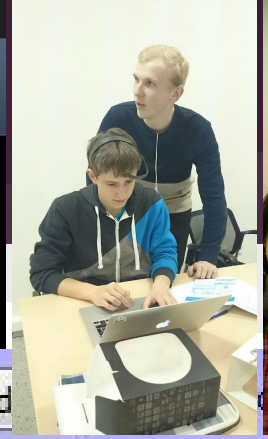
Current Meditation: 51

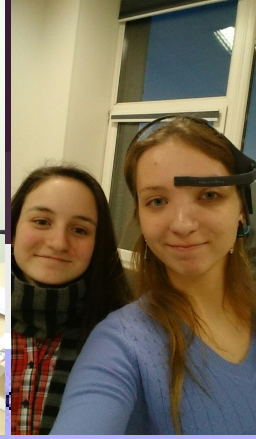
num: 219

time: 13:22:22

Write | Refresh







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