Universitatea de Vest din Timișoara

# Coffee Tracker

Programming on Mobile Devices

Adrian Tuns & Tudor Turdășan

15.05.2020

Teacher : Liviu Octavian Mafteiu-Scai

##### Abstract

The project has been developed for the coffee lovers that tend to exceed the amount of cafeine on a daily basis. Cafeine is one of the most consumed light drugs and in case of overdose, may lead to nervousness, sleeping difficulties, irritability, headaches

###### 1.Goal/utility of the project and target group (users)

The goal of the app is to make the coffee consumers aware of the amount of coffee that they consume on a daily basis and keep track of the amount of cafeine that they introduce in their bodies. Although currently the app is focused on coffee, in future the other might be added (e.g. Black Tea).

The target group is those people that consume coffee in an unhealthy way. We think that, by having a reminder that tells that you have already drunk 3 coffee that day, you may think twice before you do the 4-th.

###### 2.Introduction

We started this project as a need, both of us being coffee lovers, sometimes we tend to drink a coffee a 6 P.M. , just “pentru plăcerea gustului” although we already had one before going to school or work. Drinking a coffee this late might affect your health, starting with insomnia and headaches. Also some of us tend to use coffee as solution for the lack of sleep. Going for a coffee before classes after a great party tend to be an normal approach for students. But students aren’t the only that need help. More and more grownups drink too much coffee because they have a lot to worry about and think that the coffee might help them focus. That’s not true at all, although for a small period of time the coffee might help you, turning this into a habit would affect your nervous system causing concentration problems, low mood and reduced energy.

###### Functionality

###### User Interface

The UI consists of 3 screens.

The main screen, the one that is the most used contains 3 buttons, each of them being a type of coffee. The small one is, by default, an equivalent to an espresso, the medium one, 2 espressos and the third 3 espressos.

The second screen is the one where the analysis is happening. There you can see how many coffees you had that day and the amount of caffeine that you had that day after drinking all those coffees. Even though for the moment we used a simple graph to show the amount of coffees you had, in the future this graph may present how dangerous the amount of coffee you had is.

The third screen is the one when you can customize your profile and your coffee types.

###### Running / executing the application

###### Application / program structure

###### Improvement and extensions

###### Conclusions

###### References

###### Annexes