



**Software Engineering (7.5 ECTS)**  
**Course Part: Software Development. Project. (4.5 ECTS)**  
**Spring Semester 2019**

# **The Money Saver**

## **Project Report Version 2**

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**Title**

The Money Saver

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**Abstract****Keywords**

# **1. Introduction**

A big part of life is money, it's the currency of life, without money it's hard surviving here on earth. Therefore, it could be a good idea to be smart with money. That is what this project wants to help the users with. An application will be created that helps the user with their economy and makes them get a better view of it. The app will offer the possibility to create plans and guide the user on how to achieve them. The app will for example, show the user how much money the user spent one month, and compare it to another.

## **1.1 Background**

According to American Psychological Association [1], 62% of Americas population is often being stressed about money. Money was the second to biggest reason for people being stressed, when that survey was made in august 2017. Even though the survey concerns the American population, the percent is probably approximately the same across the world. The authors of this report are all students and have therefore experienced the stress and difficulties regarding money, and that's where the idea for this project was born.

## **1.2 Aim and Purpose**

### **1.2.1 Research Questions**

The research questions I want to answer by implementing this project is:

1. Is this kind of app necessary? Or do people settle with the regular bank application?
2. Is it appropriate to implement this kind of application in Android Studio?

### **1.2.2 Limitations**

Due to the time restrictions this project will not be as big and extensive as it could have been. There are a lot of functions that could have made the application better, but because of the short amount of time, the functions had to be prioritized.

In terms of the research, this project will focus on articles that proves that money affects you psychological.

## **2. Method**

### **2.1 Literature Review**

This project is referring to 2 articles at this point, but the authors are planning on finding a couple of more scientific articles concerning the subject. When the literature was searched for, the authors looked for trustworthy and useful articles. Therefore, some articles were discarded that were either not trustworthy, or didn't provide useful information.

The first literature that was used in this project was Stress in America: The State of Our Nation, by American Psychological Association [1]. This article provides a survey that shows that 62% of Americas population is often being stressed about money.

The second literature used in this project was Does Money Protect Health Status? Evidence from South African Pensions, by Anne Case. This article is about the relationship between income and health status, among other things. It says that some things that money can buy, can make you happier. For example, improving your living environment, medical services, access to clean water.

### **2.2 Case Study**

What is found in the scientific articles is first and foremost a good reason to make this kind of application. The articles will impact the application in the way the application will be designed. It will be designed with the purpose of making it as easy as possible for the user to get control over their economy.

### **2.3 Working Process**

Link to revision control system: <https://github.com/xmas83/money-saving-app>

**Table 1. Velocity**

Velocity	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5	Average Velocity	
Martin Rydström	1,33	1,11	0,83				
Ville Torstensson	1,42	0,95	1,17				
Hamid Aliani	1,5	0,8	0,8				
Paolo Perez	1,33	1,4	0,95				
Total Velocity							(Average Team Velocity Here)

### **3. Results**

### **4. Social and Ethical Aspects**

### **5. Discussion**

### **6. Conclusion**

## **7 . Suggestions for Further Work**

## **8. References**

[1] American Psychological Association. 2012. Stress in America: The State of Our Nation.  
<https://www.apa.org/news/press/releases/stress/2017/state-nation.pdf> (Visited 07-05-2019)

[2] Anne Case. 2004. Does Money Protect Health Status? Evidence from South African Pensions.  
<https://www.nber.org/chapters/c10346.pdf> (Visited 07-05-2019)

## **9. Appendix**