Qr code

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Blockchain

research plan

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# Introduction

This research is made as part of my studies for Fontys University of Applied Science and the topic Blockchain was chosen, because my specialization was done for CyberSecurity and I am curious to learn more about it and to provide more information to me and my fellow classmates.

The goals that I want to reach with this research are to learn what is blockchain and to explain that to normal users as well, because it is a relatively new concept. It was published in the early nineties and the first implementation was Bitcoin in 2008. Where cryptocurrencies were the first application, the blockchain is also used in different fields. I will explain the history, challenges with blockchain adoption and when it was implemented and how it continues to improve.

# Research Questions

I am starting with the main research question and then continue with sub-questions after that. Those are the questions that I think are relevant in my point of view and those are the answers that I am curious about and want to answer.

## What is blockchain technology and why does it matter?

**What are the different types of blockchain technology?**

**Is blockchain secured?**

**What are the limitations of blockchain?**

**How was It implemented in the beginning?**

**What are the challenges of blockchain adoption?**

**What is the impact of the blockchain on the society?**

# Research methods

* Library method
  + Best good and bad practices.
  + Community research
  + Literature study
* Field method
  + Document analysis
  + Problem analysis
  + Survey
* Showroom
  + Benchmark test
* Workshop
  + Brainstorm

# Estimated time and deliverables

## Deliverables

In week 16 I have the deadline for the Deliverables and I am planning to deliver a report and a small presentation showing the things I find most interesting about the topic that I chose. I will also include a process report, in which I describe the following:

* The research questions that I want to answer.
* A brief description of the applied science methods and results.
* A conclusion

## Estimated time

Since we are now in week 4 and the final deadline is in week 16, I am planning to spend same time for all of the research questions. I am planning to spend around week and a half on a question and use the time left for the main research question. This will be more than 2 weeks.

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