



Blockchain project: Running the essential for IOTA Blockchain

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Project Overview

The goal of our blockchain project is to implement a working spammer for the IOTA network. To achieve this, four goals, which are discussed further below, need to be met. It's important that the workload is distributed evenly. The deliverables are the code, the corresponding documentation, and an overview of who has worked on what part.

1. Run our own IOTA network

Since we cannot use the official IOTA network due to costs and cannot use the UZH IOTA network due to accessibility issues we need to be able to run our own server. For this the documentation is provided by the teaching staff.

2. Fix the fountain

The fountain is the entity in the IOTA network that generates and distributes new IOTAs. Currently the fountain seems to be bugged and has not been able to be operated. This is likely due to the experimental daily updates. The likely issue is that some configuration is not completely correct.

3. Be able to do transactions

It is unclear if the transactions are always working properly as on the UZH network there have been issues. We need to validate that the transactions always work and if not try to fix them.

4. Have a spammer running on our network

There is already a spammer, however it seems to be having some issues with its docker settings. We need to fix these issues and have a consistently functional spammer running on our network. This spammer will then also be used on the UZH IOTA blockchain.