Conceptual Architecture

Bitcoin Core

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Agenda

Topics Covered

Start

Overview

Architecture

Functionality

Lessons Learned

Overview

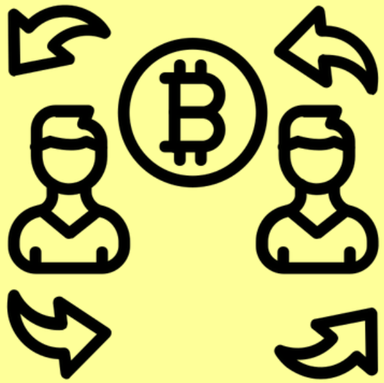
What is Bitcoin Core?

Software for Bitcoin Network

Peer-to-Peer Architecture

Secure Decentralized Transactions

Architecture



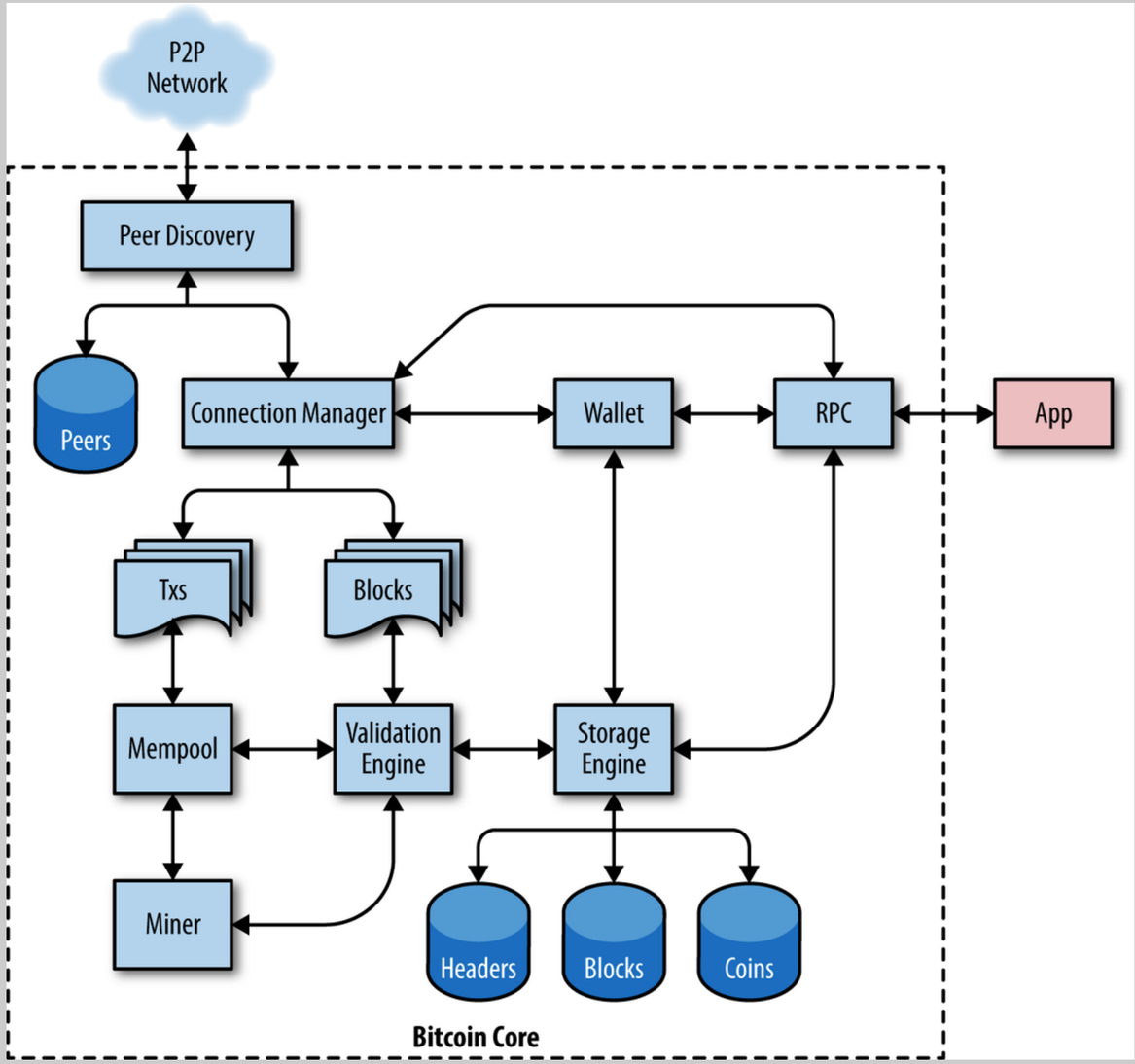
Peer-to-Peer Architecture

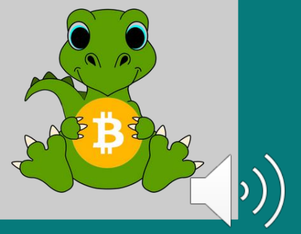
Bitcoin Core

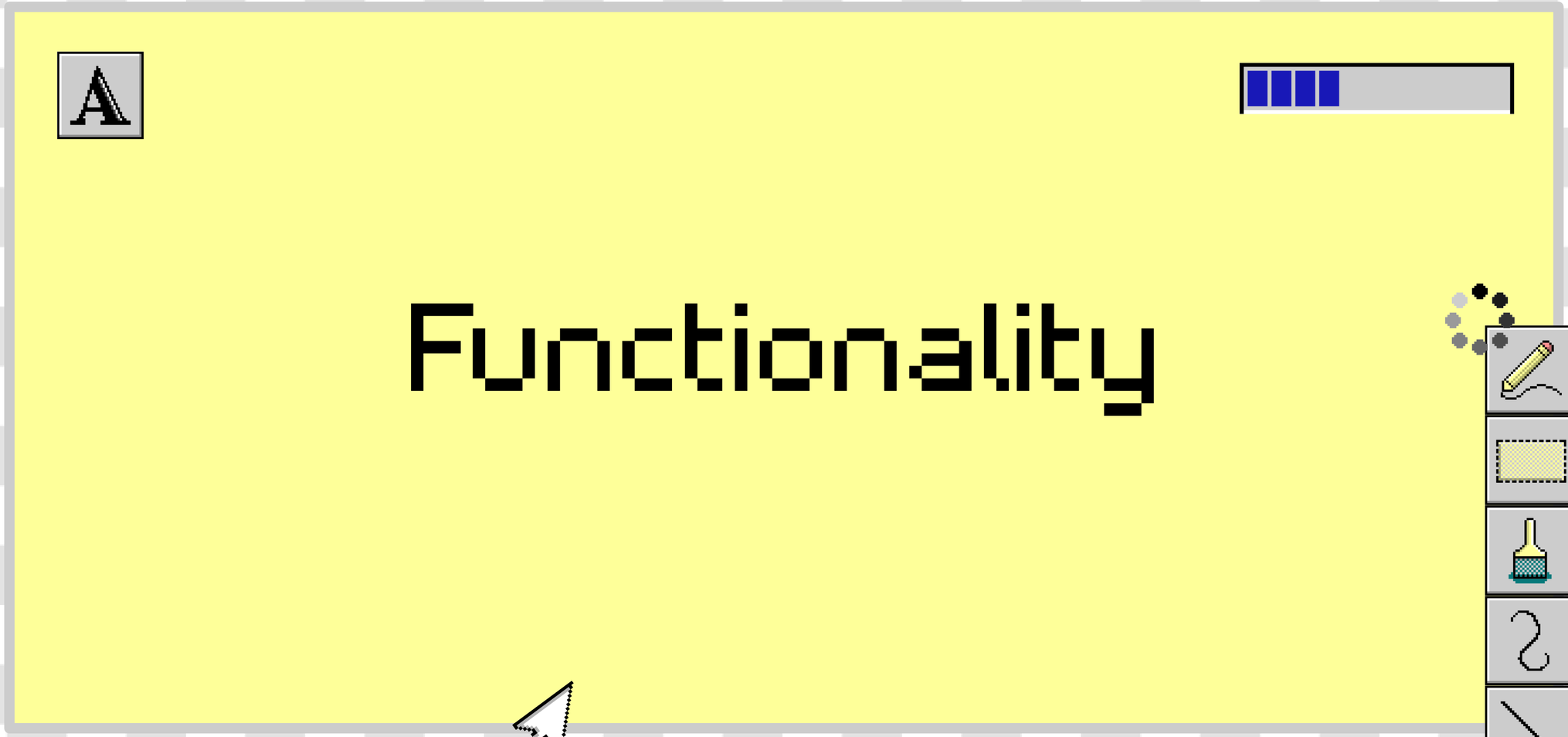
Dig Deeper:

The first implementation of Bitcoin or "Satoshi Client" has been heavily modified and improved. It has now evolved into Bitcoin Core.

Bitcoin Core is the reference implementation of the bitcoin system.

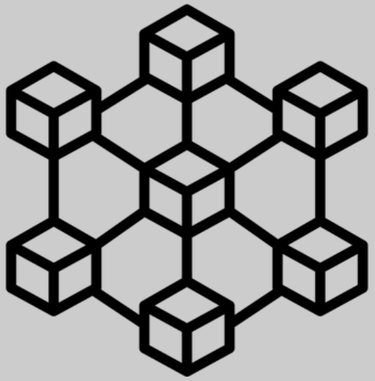





Functionality

User Functions

Blockchain



Transactions

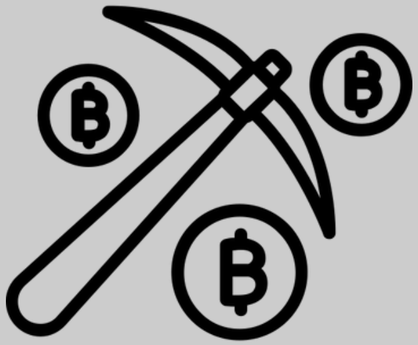
Contracts

Wallet

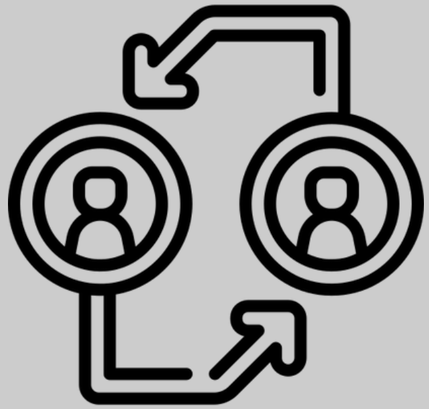
Bitcoin Core Functions

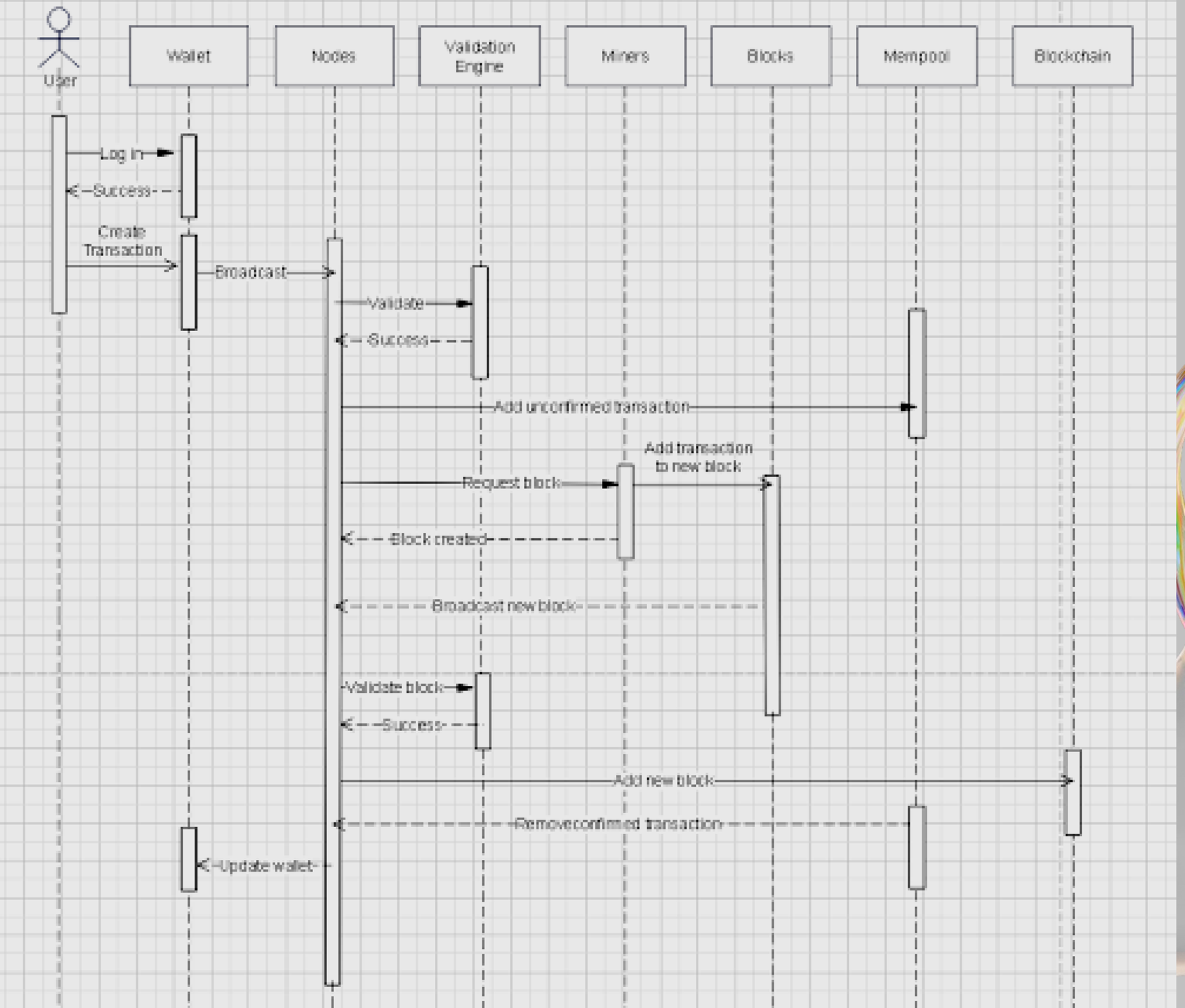
Payment Processing

Mining



P2P Network

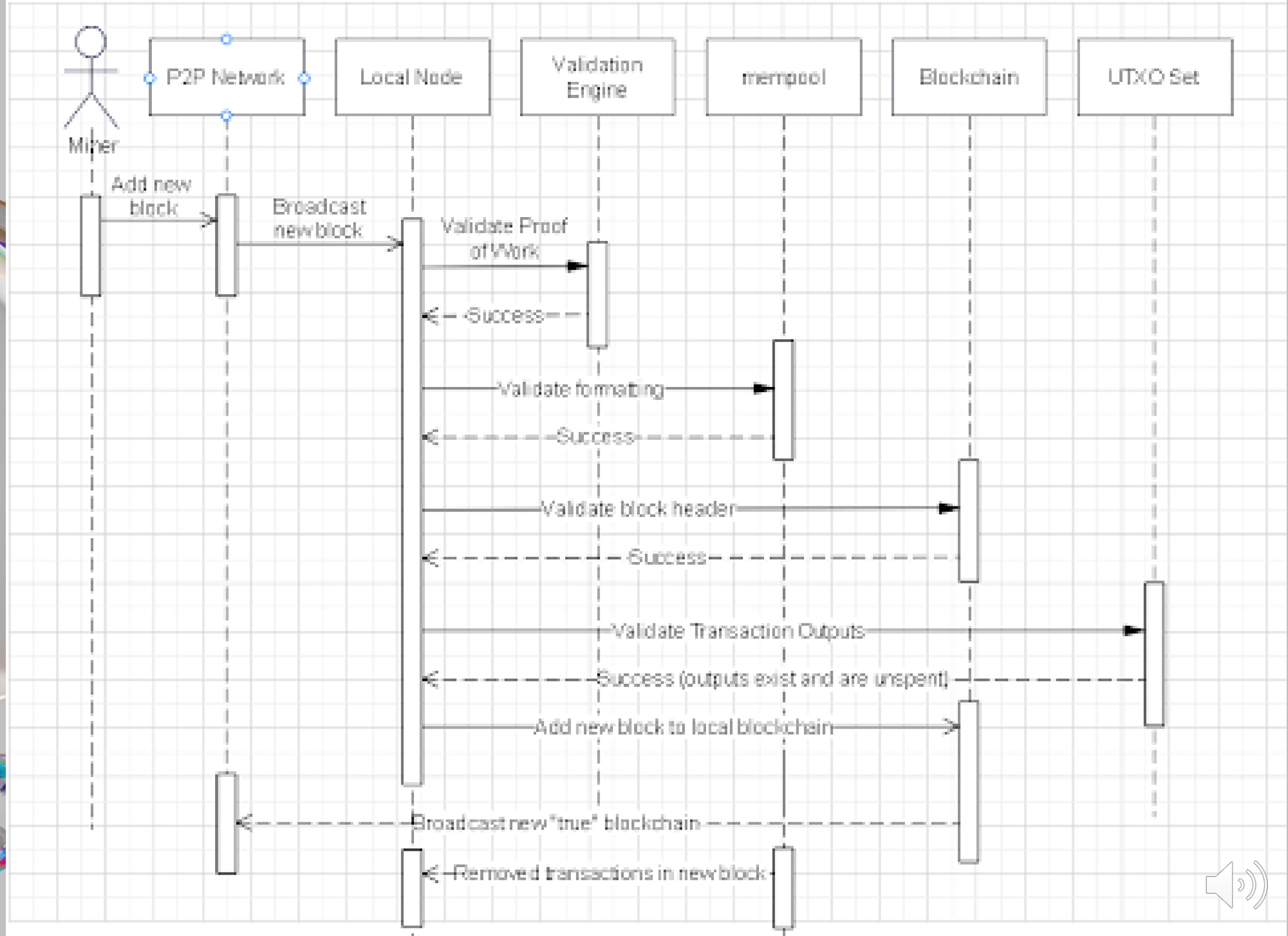
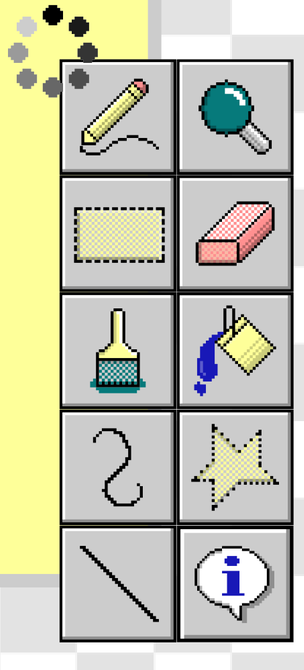




Use Case #1
Transactions

Use Case #2

Blockchain



Lessons Learned