Agenda

- Problem Definition and Context
- Technical Overview of DAOs
- Benefits and Risks of DAOs
- Conclusion

About me:

Asante is a web3 dev skilled at creating modular smart contracts and writing optimized code.

I talk alot about blockchain and sometimes I write technical articles about blockchain-related topics.
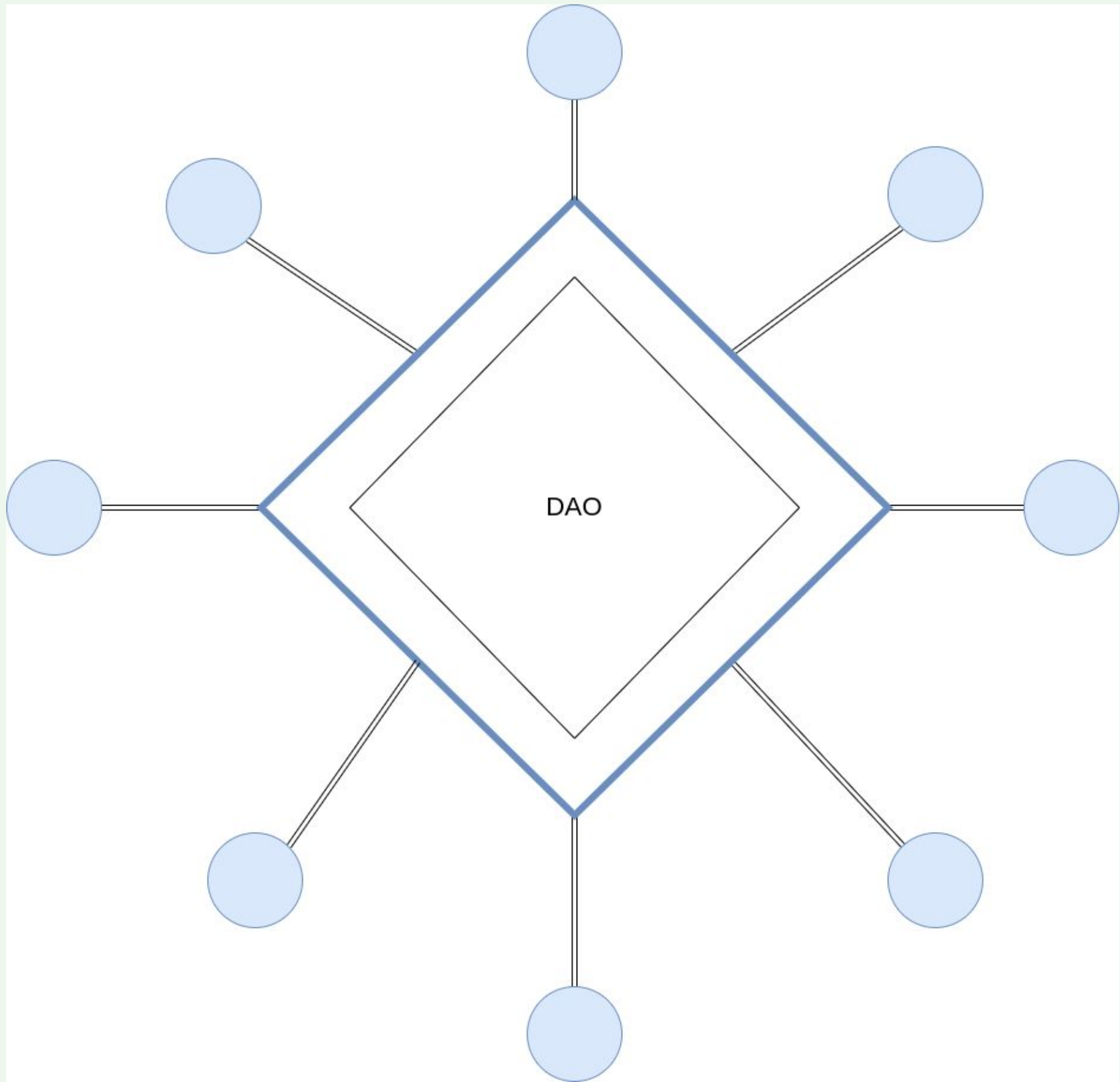
Imagine Alice, she doesn't work in an office, but she still gets paid.

Alice doesn't have to answer to any boss because she doesn't work for one. Instead, she works for thousands of people around the world.
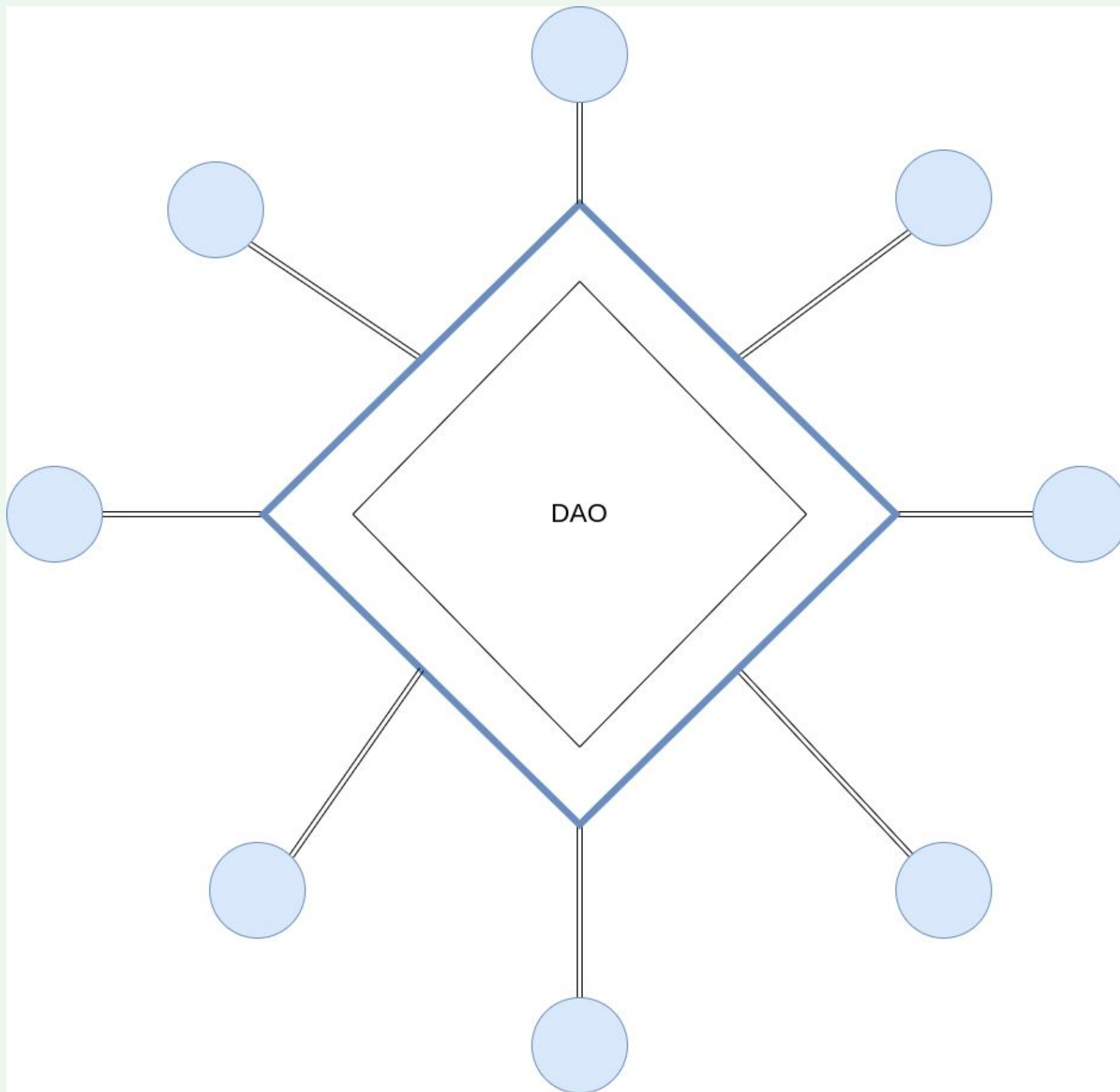
She just finishes the tasks assigned to her and gets paid.

Alice works with a DAO!

DAO
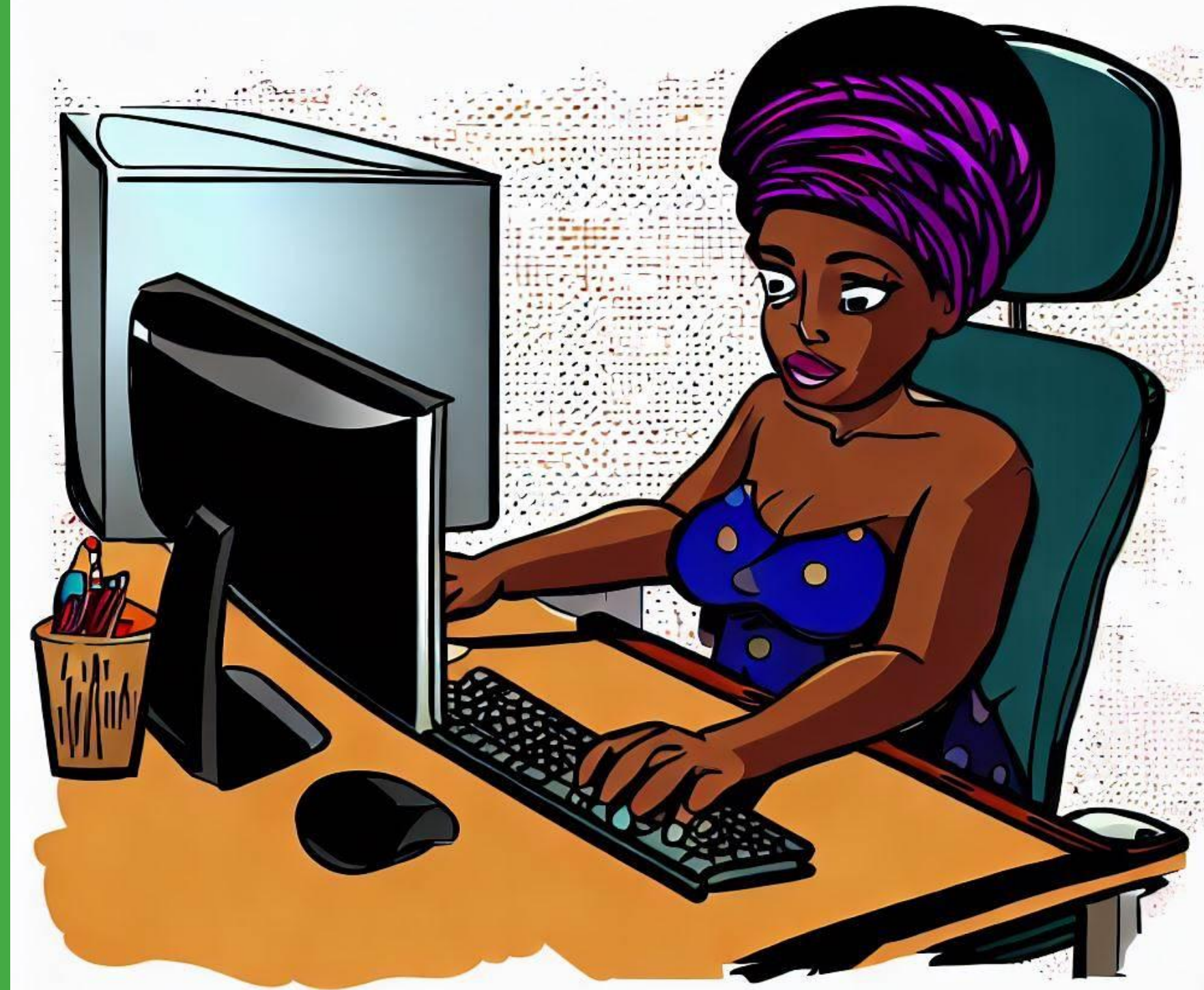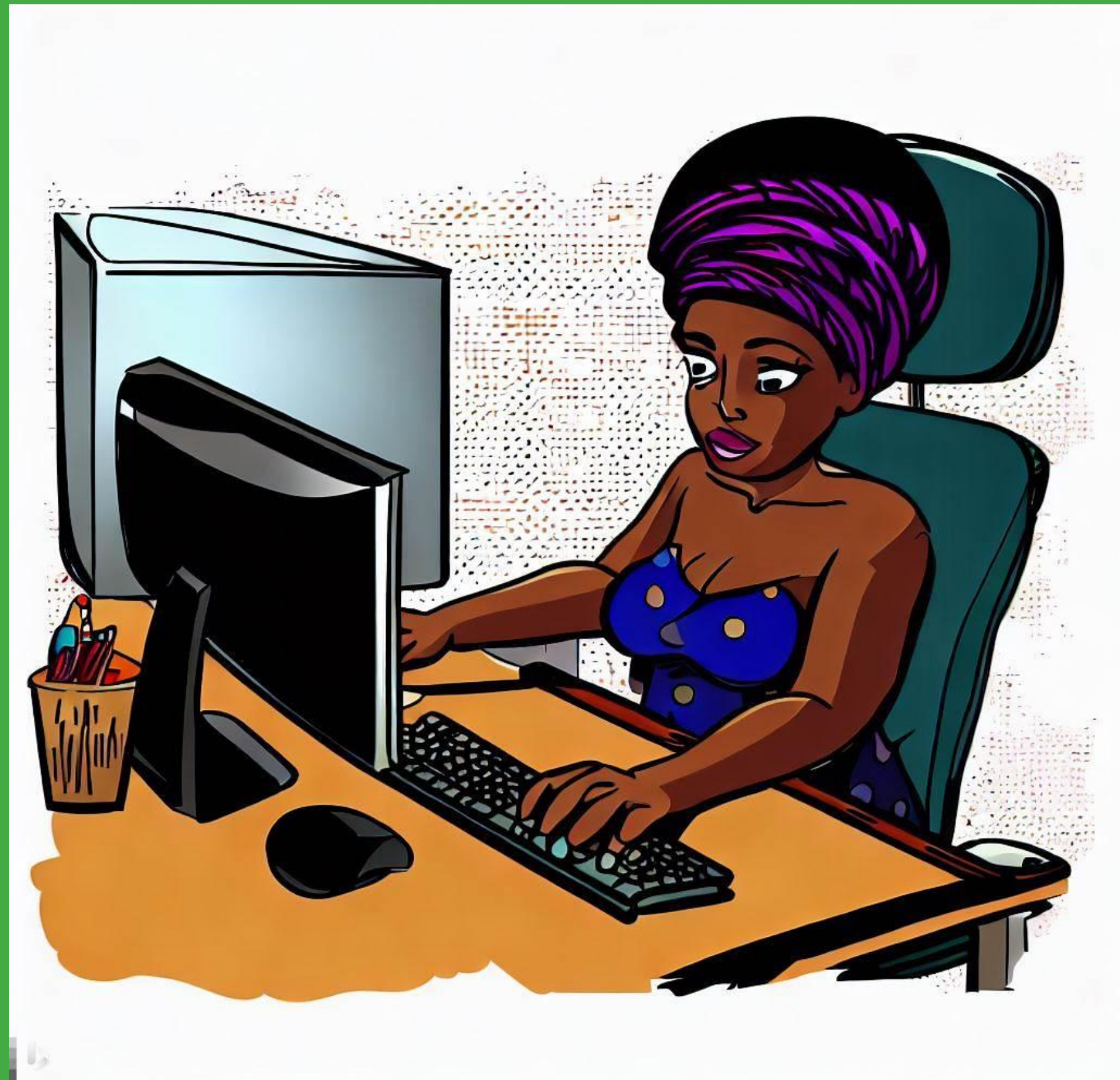
Decentralized Autonomous Organizations (DAOs) are organizations that are run by code and smart contracts, instead of a centralized authority. They're built on blockchain technology, which enables transparency, immutability, and decentralization.

- Traditional business models rely on centralized decision-making, which can lead to inefficiencies and a lack of transparency.
- DAOs offer an alternative, decentralized model that can potentially address these issues and empower the community to make decisions.
- DAOs are organizations that operate without the need for a central authority or management structure.
- They are rely on blockchain technology, which enables trustless transactions and decentralized decision-making.

yes:id

THE MONEYPEDIA
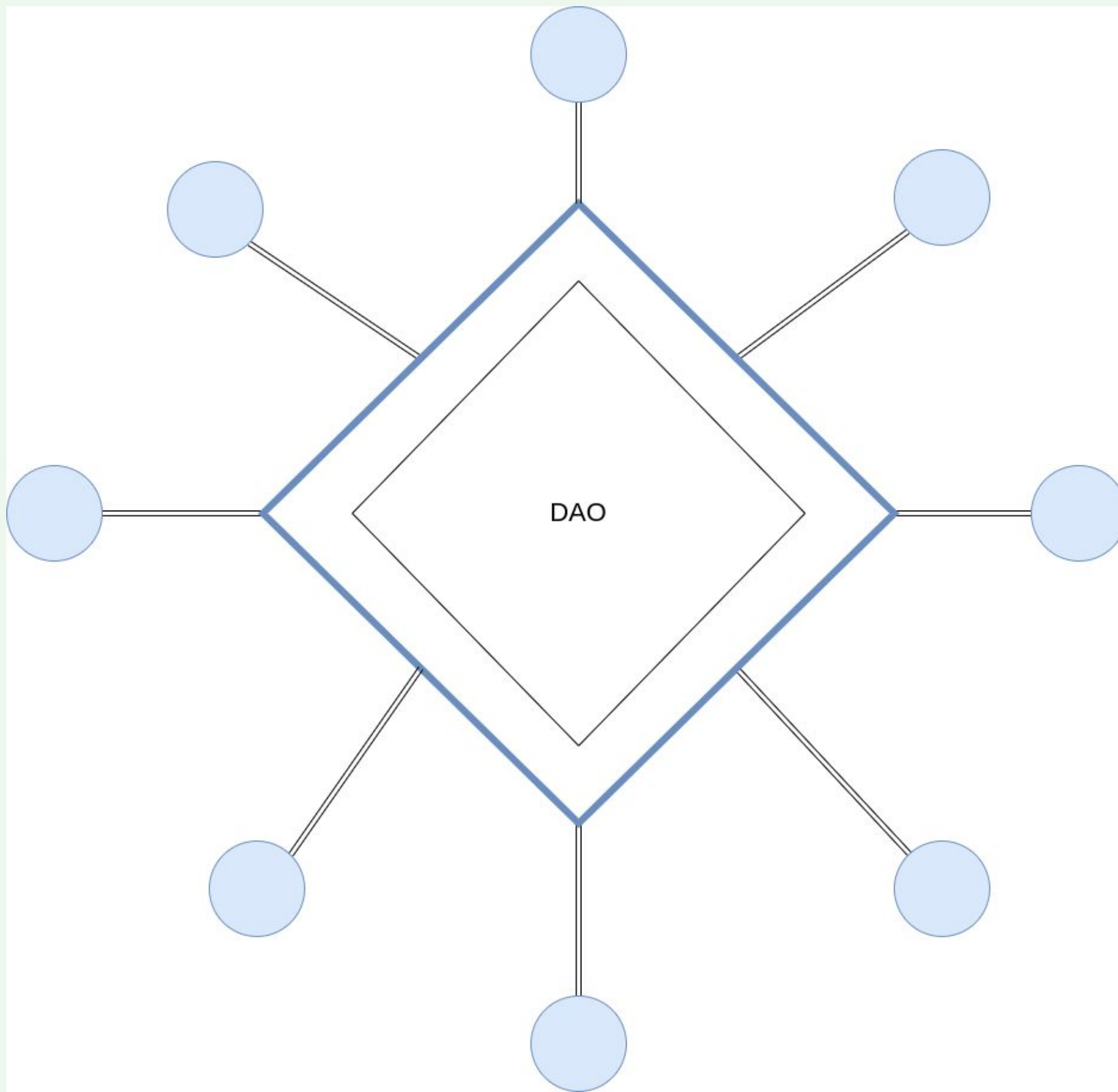
You could think of DAOs as a group of people with a common interest and a shared bank account.

Smart contracts are like digital agreements that run on a blockchain network. Think of them as self-executing contracts with specific rules and conditions written in code. When these conditions are met, the contract automatically carries out the agreed-upon actions without the need for a middleman.
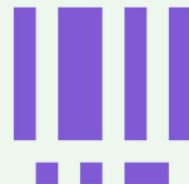
```solidity
// SPDX-License-Identifier: MIT

pragma solidity ^0.8.0;

contract SimpleVoting {
    struct Candidate {
        uint256 id;
        string name;
        uint256 voteCount;
    }

    mapping(uint256 => Candidate) public candidates;
    mapping(address => bool) public voters;
    uint256 public candidatesCount;

    event votedEvent(uint256 indexed _candidateId);

    constructor() {
        addCandidate("Candidate 1");
        addCandidate("Candidate 2");
    }

    function addCandidate(string memory _name) private {
        candidatesCount++;
        candidates[candidatesCount] = Candidate(candidatesCount, _name, 0);
    }

    function vote(uint256 _candidateId) public {
        require(!voters[msg.sender], "You have already voted.");
        require(_candidateId > 0 && _candidateId <= candidatesCount, "Invalid candidate ID.");

        voters[msg.sender] = true;
        candidates[_candidateId].voteCount++;

        emit votedEvent(_candidateId);
    }
}
```

Smart contracts are like digital agreements that run on a blockchain network. Think of them as self-executing contracts with specific rules and conditions written in code. When these conditions are met, the contract automatically carries out the agreed-upon actions without the need for a middleman.

DAOs use token-based governance systems, that enable members of the organization to hold tokens that represent their ownership and voting rights. These tokens are used to vote on proposals, and make decisions on the direction of the DAO.

Token holders have a say in the decisions made by the DAO and are incentivized to act in the best interest of the organization.

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Benefits of DAOs

1. **Transparency**: All transactions and decisions within a DAO are visible on the blockchain, ensuring transparency and accountability.
2. **Decentralization**: DAOs are not controlled by a single entity, reducing the risk of corruption and manipulation.
3. **Efficiency**: DAOs can automate tasks and decision-making processes, reducing the need for manual intervention and increasing efficiency.
4. **Cost Reduction**: By removing the need for a central authority, DAOs can reduce overhead costs associated with management and administration.

Challenges and Limitations

1. **Scalability**: Blockchain technology may face scalability issues as the number of transactions and users increases.
2. **Regulation**: DAOs may face regulatory challenges, as governments and regulatory bodies seek to maintain control over financial systems and organizational structures.
3. **Adoption**: The widespread adoption of DAOs may be hindered by a lack of understanding and trust in the technology, as well as resistance from traditional organizations.

Conclusion

Decentralized Autonomous Organizations have the potential to revolutionize the way businesses operate, they enable increased transparency, efficiency, and decentralization.

DAOs could become one of the primary ways in which people will approach work because the nature of work in the 21st century is witnessing a massive change.

Earning through these ecosystems can give a sense of freedom, inclusion, and equitable reward. A refreshing change that knowledge workers across the globe are recognizing and rushing towards

However, challenges such as scalability, regulation, and adoption must be addressed for DAOs to become mainstream solutions in the business world. As we continue to explore the possibilities of blockchain technology, it is essential to consider the potential impact of DAOs on various industries and sectors.

We love it!
Techies run the world!

Made unicorns cool again

Nice guys command
I know AI, ML, Big Data and other scary computers words

Just Google IT

It was working in my PC!

Looking for a simple BUG

We are naturally just better at googling

Let's BUIDL

Thanks for your time!
Reach out on:
Twitter: @AsanteNtiro

Cool DAOs:
KamusiDAO, CHATAFISHA
HumanDAO, LearnWeb3 DAO,Gitcoin DAO,
Bankless DAO, ReFi DAO,
Books: GreenPilled, impactdaos

Nice guys command
types "google" into google to get to computers…
google

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