

By Team **DevsOnly**

## Section-1 : Idea Overview

1. Name of Idea : **College Network**

2. **Abstract:** - To spread awareness of and the use of Blockchain technology and idea of decentralisation throughout colleges , universities , canteens and other educational institutions.

3. **Overview :** With the support of College Network , schools and colleges could teach more effectively to the students providing real time analogy and use cases .With these, Learning and using blockchain would seem to be more fun and better experience for them.

4. **Inspiration :** Seeing the rapid growth of Blockchain technology like Tezos , Ethereum etc. always inclined towards creating something which could help the society in general.

## Section-2 : The Need / Demand And Tech-Stack used

The current educational system is centred on theory and cramming knowledge, but actual knowledge does not come in this way. Even in practical laboratories, students can learn a lot, but after the two hours of lab, they won't remember it.

Therefore, the best option is to include a network that is tightly connected with a school's or college's daily operations so that students can use common ideas of token transfers, minting nfts, staking, voting, and governance.

**Who Cares** - Colleges that specialise in Blockchain, as well as every organisation that offers a technological course can adopt this technology.

**How will it help in growing the existing Tezos Ecosystem ?**

This project uses the Ghostnet network from Tezos , for testing and deploying our smart contract on the Tezos blockchain. Also, as more and more students start

using College Network more tezoz wallets will be installed and each transaction will be made on the tezoz blockchain. In this way, it will help grow the Tezos network.

## **Tech-Stack:**

- 1. Frontend** - React , Javascript, Css
- 2. Blockchain** - Tezos(Ghostnet) , IPFS /Filecoin , SmartPy

## **Section-3 : Features and Summary**

### **List of features , Offers by College Network 👍**

1. A Utility Token specified to College's needs with unique metadata.
2. Crowddsale Minter : A contract that handles coin distribution among students Decentrally , students can claim their semestral allowance , deans list allowance of tokens.
3. Canteen using NFTs : Students minting food with Utility Token and then burning it to get actual food and reducing cash transactions.
4. Library Fine : Students can stake their tokens , pay fine using the utility tokens and issue books.
5. Achievements as NFTs : Tournaments , Certificates and even voting rights to vote on important decisions of college like who to invite to college fest, allowance that their College takes centrally.
6. Governance DAO : Admin of all contracts and a place where proposals are put up for changes in college/schools.

**Summary:**

**So**, for the institutions or colleges who want to create an environment where students can learn about blockchain and its implications by using it in their daily activities , the College Network is the best solution for them.