**Team Name:-** DevsOnly

# **College Network**

**Section-1 : Summary & Idea Overview**

1. **Name of Idea -** College Network
2. **Abstract -** To spread awareness of and encourage the use of blockchain technology and the ideals of decentralisation throughout colleges, universities, and other educational institutions.
3. **Overview -** With the support of College Network, schools and colleges may more effectively teach students about decentralisation and blockchain technology by putting such ideas into practise on a regular basis.
4. **Inspiration-** After observing the evolution of protocols on Tezos and drawing ideas for UI and contracts from Plenty

**Section-2: The Demand**

**List of problems -** 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

**How will it help in growing the existing Tezos ecosystem? (Are you using Tezos or any other resources?)**

* It will help grow Tezos ecosystem as all the students will set up wallets and then do transactions to interact with the College’s Protocol

**Section-3: More Details**

1. **List of Features, Offers by College Network**

* A Utility Token specified to College’s needs with unique metadata
* Crowdsale Minter : A contract that handles coin distribution amongst students decentrally, students can claim their semestral allowance , deans list allowance of tokens
* Canteen using NFTs : Students minting food with Utility Token and then burning it to get actual food and reducing cash transactions
* Library Fine: Students can issue books , pay fine using the utility token
* Achievements as NFTs : Tournaments , Certificates and even Degrees issued as NFTs and verifiable on-chain
* Staking contact: Students can stake their tokens and earn voting rights to vote on important decisions of college like who to invite to college fest , allowances that the College takes centrally
* Governance DAO : admin of all contracts and a place where proposals are put up for changes in college / school

1. **Tech Architecture**

* Smart-Py (for Smart contract)
* React for FrontEnd
* Taquito for Integration
* Ghostnet as network

**By Devs Only**