Polkacast

A decentralization podcasts protocol

Problem

The current podcast platform is centralized and fee-based.

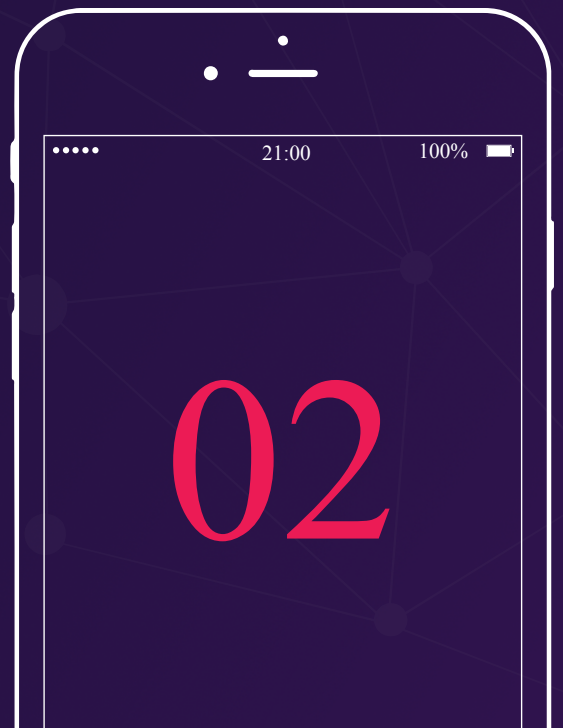
Problem

1. Most podcast hosting platforms charge a fee, with an average price of $15/month.
2. Podcast production conditions cannot meet multiple simultaneous online recording.
3. Podcasting platforms are centralized, data storage is not encrypted, creators face tampered audio content and removal, users may cause privacy leakage.

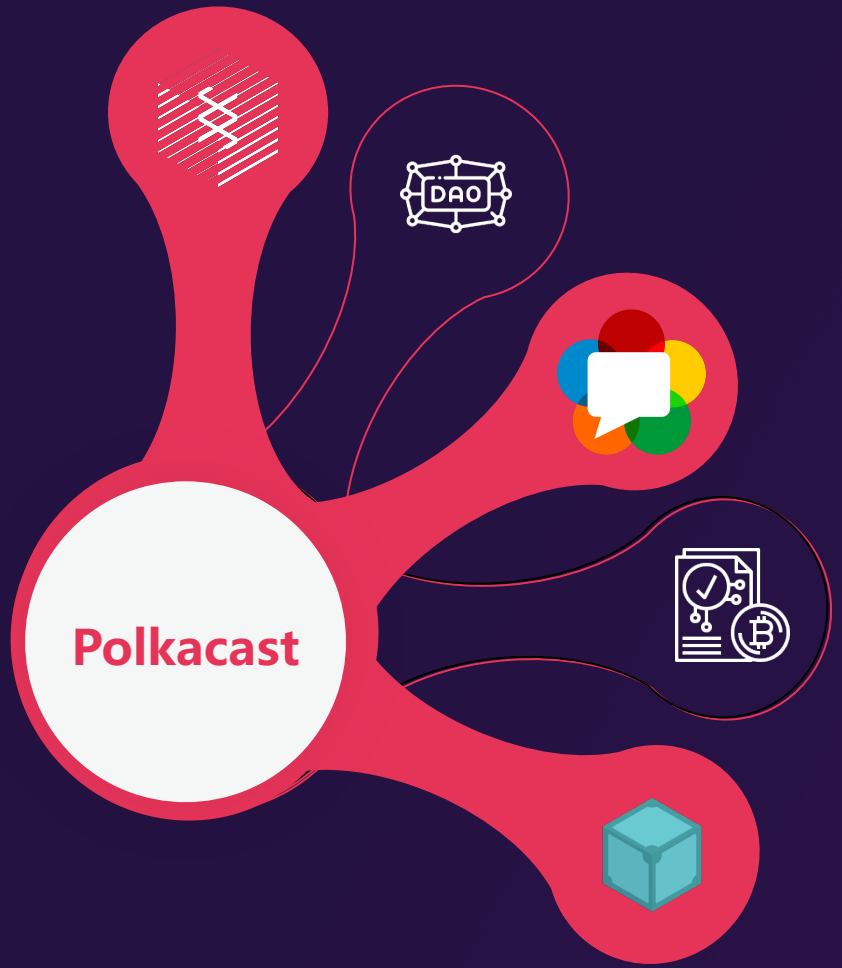
4. Podcast creators cannot achieve rapid profitability.
5. Audio podcast distribution mode is single and slow.
6. The code is not public, and the community can't achieve decentralization and autonomy.

Solution

Create the polkacast protocol, decentralize power to podcast creators and users to dominate, establish a DAO to govern the polkacast protocol.



Solution

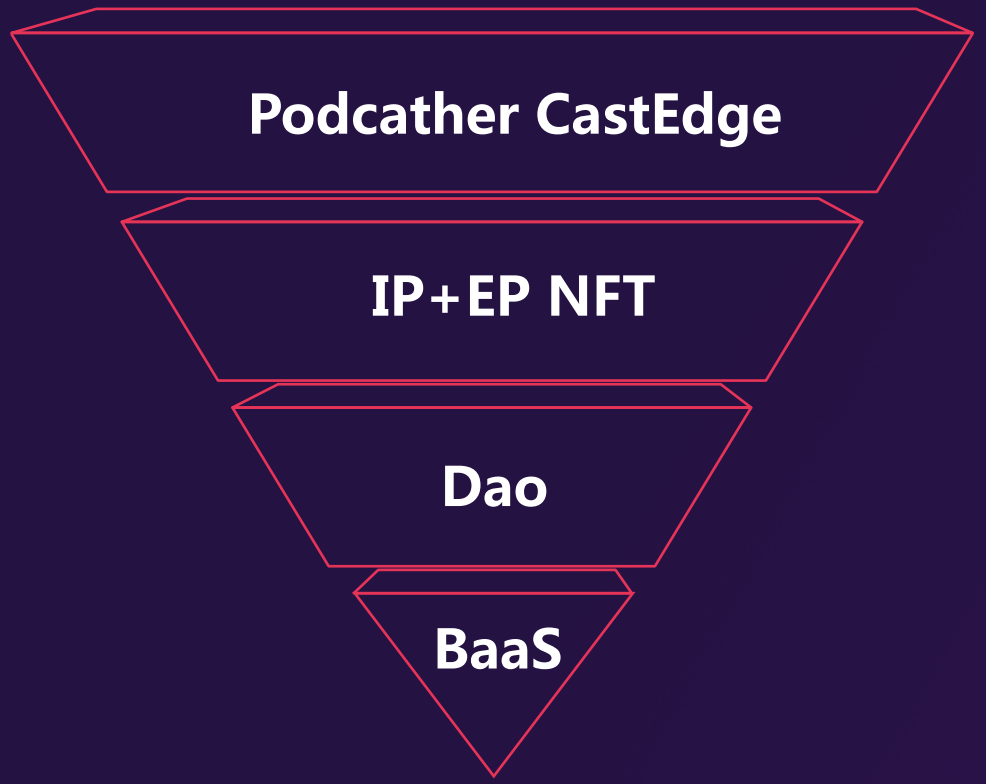


1. Develop a free hosting platform, data is stored encrypted in a decentralized form, and all content is provided to all users with "nativeness".
2. Decentralization uses the DAO model to govern the polkacast protocol.
3. WebRTC realizes multiplayer online podcast recording.
4. Tokens, IP support, contract advertising, and Ep NFT solve profitability problems and increase the enthusiasm of podcast creators.
5. Decentralized edge computing nodes and IPFS solve transmission performance.

Polkacast Vision

A decentralization podcasts protocol.

Vision



1 BaaS

Develop an out-of-the-box podcast platform. Eps produced by podcast creators are stored in ipfs for each issue, which saves costs and increases access speed.

2 Dao

Dual DAO governance, every user in the PolkaCast Protocol ecosystem is part of the DAO, the composition of DAO: "DAC" and "DAU", DAC and DAU carry out a two-way restriction to balance the entire protocol network.

3 IP + Ep NFT

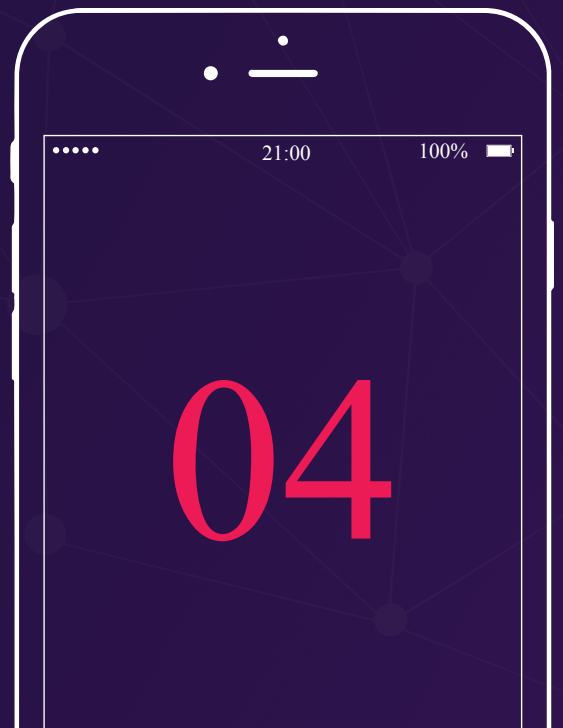
Polkacast supports early creators in the form of token support, and in this way expands the influence of creators, achieves creators and increases the adhesion of the platform. Eps produced by podcast creators are packaged and put on the trading platform in NFT, expanding the ecology and the producer's profit model.

4 Podcather CastEdge

Use podcather as a node to increase the interaction between users, creators, and platforms, increase more trusted nodes and edge nodes, make the access faster, and provide staking rewards to participating users to incentivize the entire ecological economy.

Polkacast Ecosystem

A dual currency system and token mechanics .



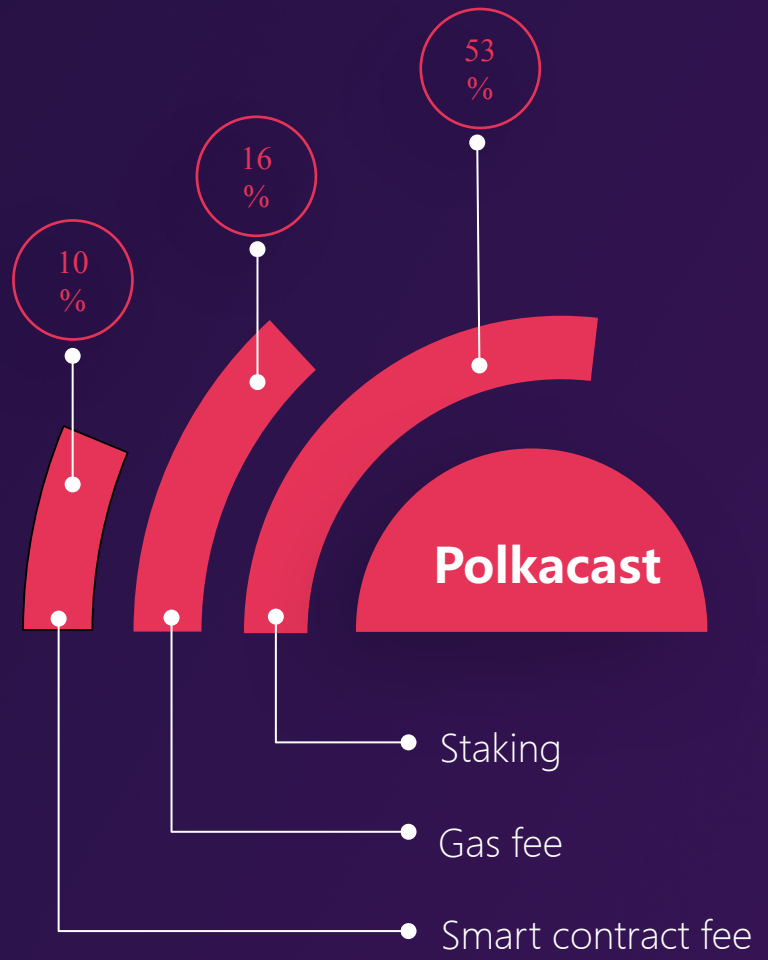
Cast & Ctape

Cast Staking
Govern polkacast protocol and maintain node security.Good actors are rewarded by this mechanism whilst bad actors will lose their stake in the network.

Cast Dao
Polkacast employs a “fluid democracy” system, each Polkacast user has the right and duty to question, refuse, and substitute the proposal. .

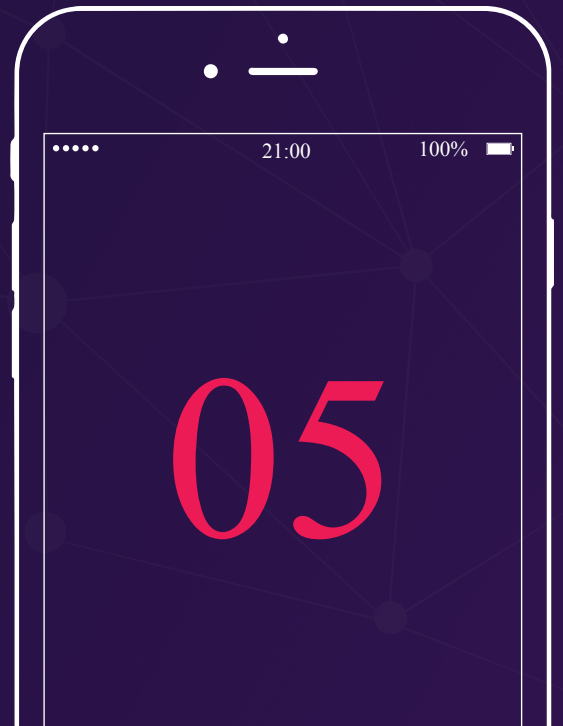
Ctape Gas Fee
Network fee ,smart contract lock and stacking etc.

IP Plan
Support podcast creators to inspire the entire polkacast ecosystem.



Development Roadmap

Free and distributed product development team.



Roadmap

Q2 2021

Recruit seed podcast creator

Apply for the web3 foundation grants

Publish polkacast BaaS hosting basic services

Q3 2021

Polkacast white paper published

Generator for ERC20 Cast token

Organize the DAO community

Q4 2021

Polkacast protocol launches public testnet

BaaS add recipes and integrations

Q1 2022

Polkacast mainnet releases

EdgeCast Staking & Uptime Mining

Distribute ctape and launch PoS+PoC dual model

Q2 2022

Polkacast protocol launches public testnet

BaaS add recipes and integrations

Q3 2022

Improve the polkacast protocol multi-terminal client

Publish podcatcher as the edge computing mode

Team

Polkacast is led by encryption and program development veterans.

Team

Delos Kk

Founder,BSc
Eng programmes

Yue King

CTO, Lead Developer
BSc Eng

Etsn Fan

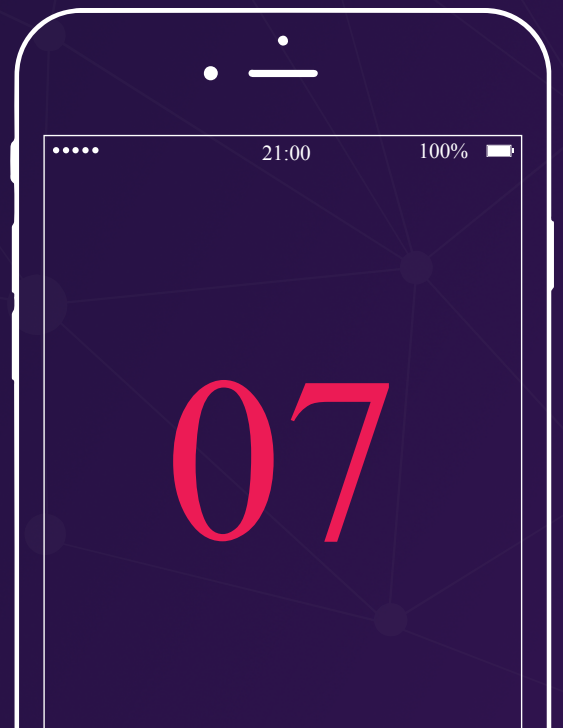
CMO

Clon Wu

BSc Eng

Summary

DAO governance and podcather castEdge will lead the web 3.0 era.



Summary

1. The goal of Polkacast is to solve the hosting, distribution, and profitability problems encountered after the creation of podcasts. It combines IPFS and edge computing to balance the entire network transmission and bandwidth pressure, and uses Substrate to develop the Polkacast protocol to reduce infrastructure construction and allow the team to have more Pay more attention to the business and scenarios, while avoiding the problem of blockchain forks.

2. Use dual currencies to solve the impossible triangle problem of the blockchain, ensure node security while increasing TPS, maximize the utility of the blockchain network, and enhance user interaction experience.

3. Encourage participants in the ecosystem such as developers, creators, nodes, users, etc. through Stacking and CastEdge mining,Use dual DAO governance to restrain and restrict the internal balance of the ecology, through public voting, governance, and decentralization of power to the community to ensure the stable and healthy development of the entire ecology.