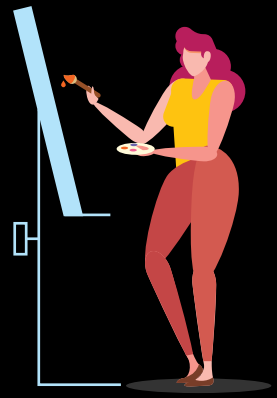
Dmail Network



Construct DID in Web 3.0, Not Just an Email

Privacy & Security

a rising topic of concern

Analysis

Analysis

Statista predicts that the number of global mail users will maintain an annual growth rate of 3%. The total number of email users has exceeded 4 billion in 2021, and it is expected to reach 4.5 billion in 2025.

According to data from the Radicati Group, the number of daily emails worldwide was 269 billion in 2017, and will reach 319.6 billion by 2021.

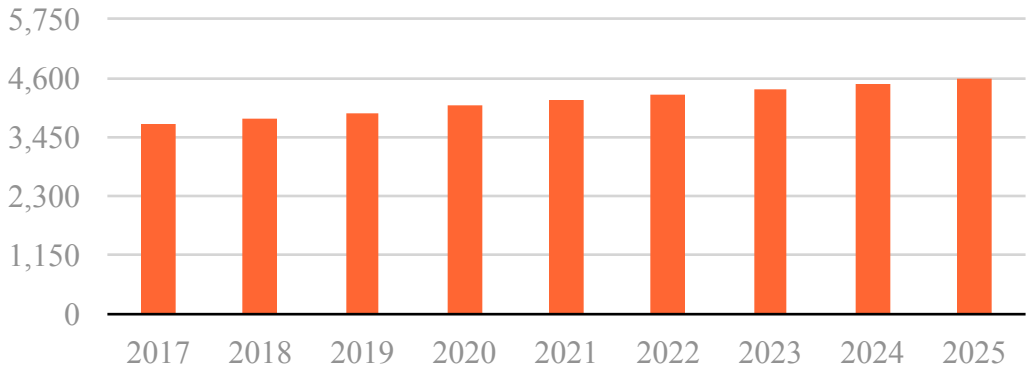
Annual growth rate

3%

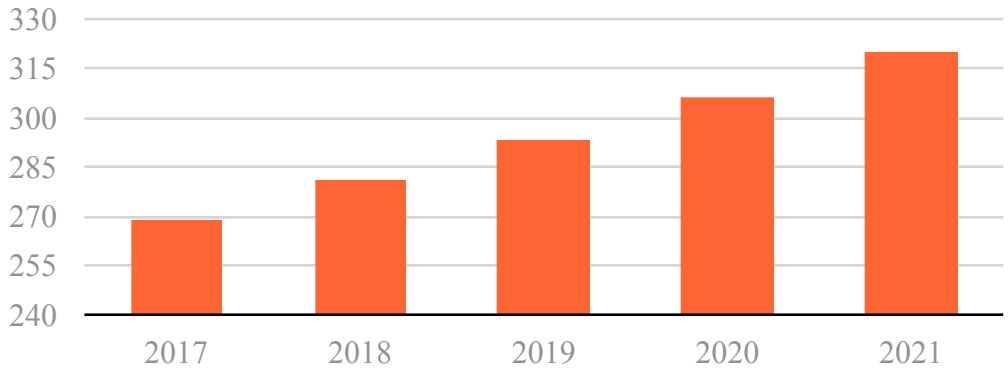
number of email users in 2025

4.5 billion

Number of Email users worldwide (in Million)



Number of email users worldwide per day(in billion)

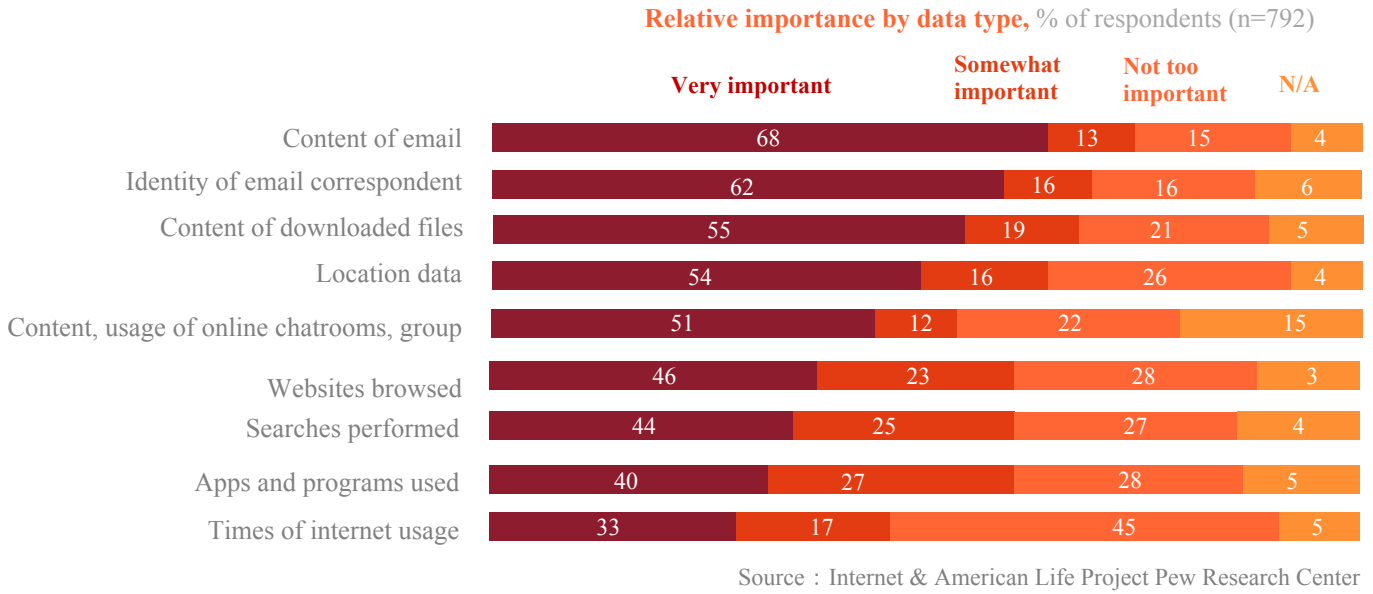


Privacy

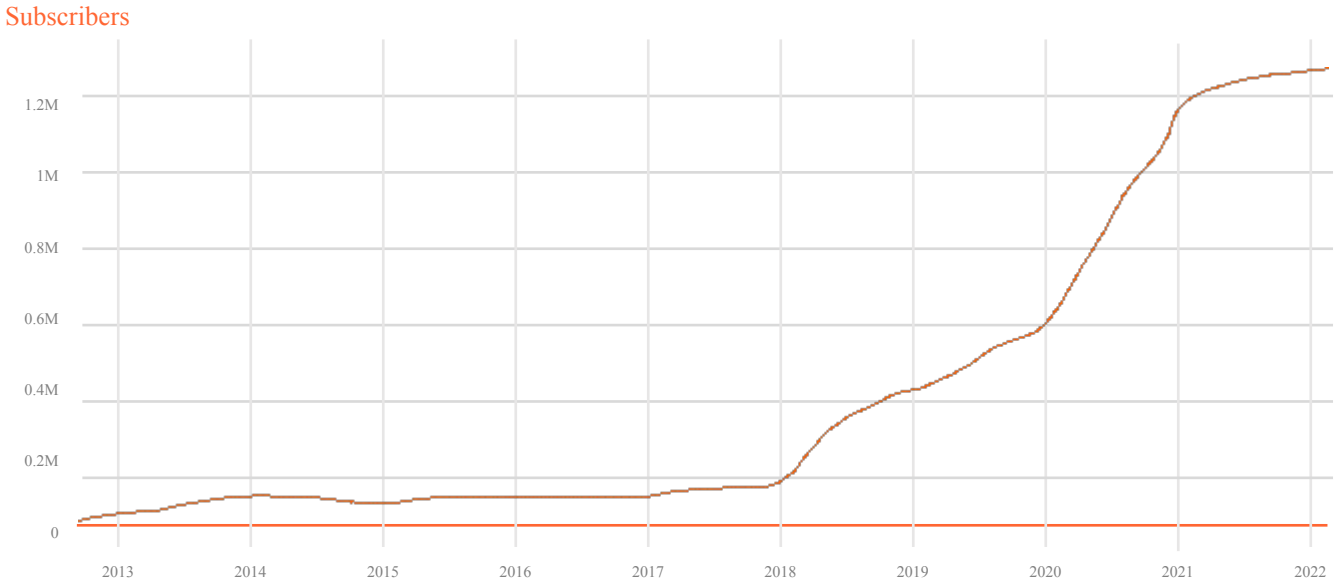
According to a McKinsey survey in 2021, in terms of important information privacy protection, users pay the highest attention to email privacy protection.

Based on Subreddit Stats, more than 1.2million users follow the privacy thread at the beginning of 2022.

Consumer privacy and protection vary by type of digital data.



Source：Internet & American Life Project Pew Research Center



Problem

Non-sustainable service

Traditional mailboxes rely on continuous operation. Once they terminate the service, users have no choice but stop using the mail service.

Platforms own the data

User‘s mailbox and data belong to the deve company, and it is difficult to guarantee the user's privacy and data sovereignty.

Data leakage

Traditional mailboxes have security risks such as privacy, data, and information leakage.

Independent and closed ecosystem

Email service providers work in silos.

Spam email

Email service providers allow spam emails for commercial purpose.

Password loss

Most traditional mailboxes use account and passwords to log in, which is easy to cause loss and leakage.

What is Dmail Network

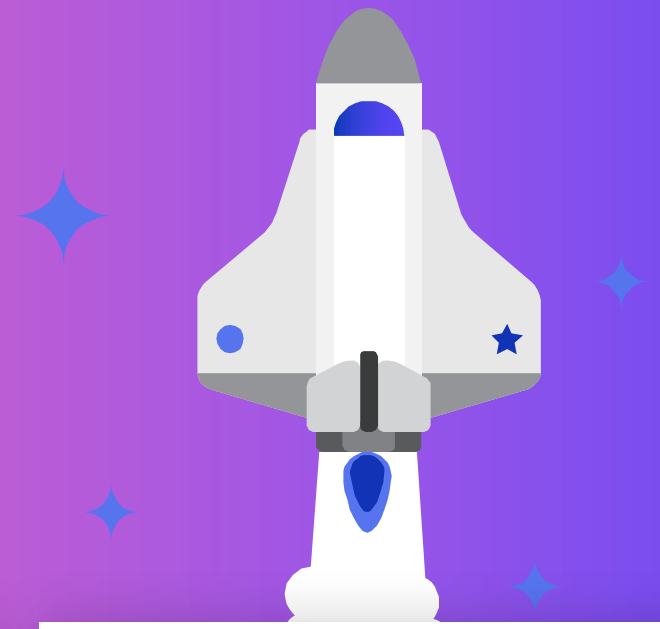
Introduction

Dmail Network, backed by Dfinity Foundation, is the next generation blockchain-based email which builds a comprehensive platform, integrating the functions of message communication, asset management, and data storage. In the end, Dmail will be a basic infrastructure tool for users to come into the Web 3.0 era.

Vision | What Dmail wants to achieve

Vision

What Dmail wants to achieve



Web 3.0

100%

The first email DApp 100% developed by Web 3.0 technology

Send and receive email with traditional emails. Dmail aims to become the gateway between the traditional world and blockchain world.

Lower the threshold for users to enter the blockchain world. Enable users to use blockchain DApp seamlessly.

Differentiators | Why we need Dmail

Differentiators | Why we need Dmail

Web 3.0

Use decentralized storage and provide email service permanently

Community oriented

Use decentralized storage and provide email service permanently

Decentralized Identity

Decentralized Identity will become the entrance of decentralized website and DApp

Data sovereignty

Return the data sovereignty back to user. Users can manage and visit their data with a private key

Address login

Different from Web 2.0 emails, Dmail use wallet address to login, which will never get lossed

Privacy protection

Adopt VRF technology on Dfinity, BLS and Canister to protect users' data safety

No Spams

With double authentication by NFT domain system and identity, Dmail creates a reasonable marketing mail system through on-chain mechanism

Data connection

Connect information between Web 3.0 and Web 2.0, Break out the data silo formed by traditional email company

DMAIL

Functions | Not just a mailbox

Mail Interaction

Users can send and receive emails from both decentralized and traditional emails

Enterprise Email

A platform that meets the enterprise email need

Calendar Reminder

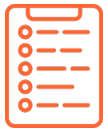
Set up calendar and reminders with Dmail

Distriduted Storage

Store data on dfinity in fast and low cost way

Contract Authorization

Different from Web 2.0 emails, Dmail use wallet address to login, which will never get lossed



Asset Management

Decentralized Identity will become the entrance of decentralized website and DApp

NFT Marketplace

Connect information between Web 3.0 and Web 2.0, Break out the data silo formed by traditional email company

Airdrops

With double authentication by NFT domain system and identity, Dmail creates a reasonable marketing mail system through on-chain mechanism

Initial Mail Offerings

Empower high quality projects with early stage funding option IMO

Subscribe DApp

Open API to connect DApp and users

Security | How to protect privacy

Comparison | Web 3.0 for Gmail

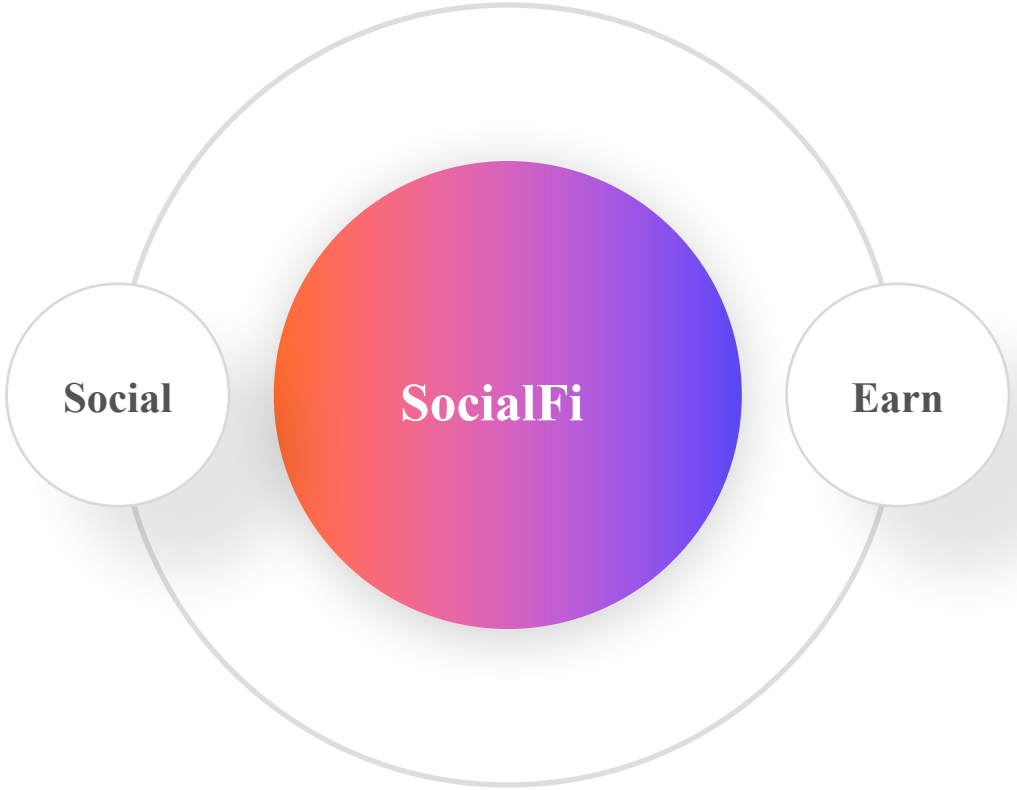
Item	DMAIL	Gmail	ProtonMail
Login	Contract address	Account and password	Account and password
Data storage	Decentralized	Google Cloud	Server in Switzerland
Data sovereign	User	Platform	User
Privacy	Decentralized	Centralized	Centralized
Safety of Message	High	Low	Mid
Technology phase	Web 3.0	Web 2.0	Web 2.0
Data connection	Yes	No	No
Open source	Yes	No	Yes
Decentralized Identity	Yes	No	No
No-Ads	Yes	No	No
Finance Function	Yes	No	No

Let’s build a **Socialfi DApp** Together

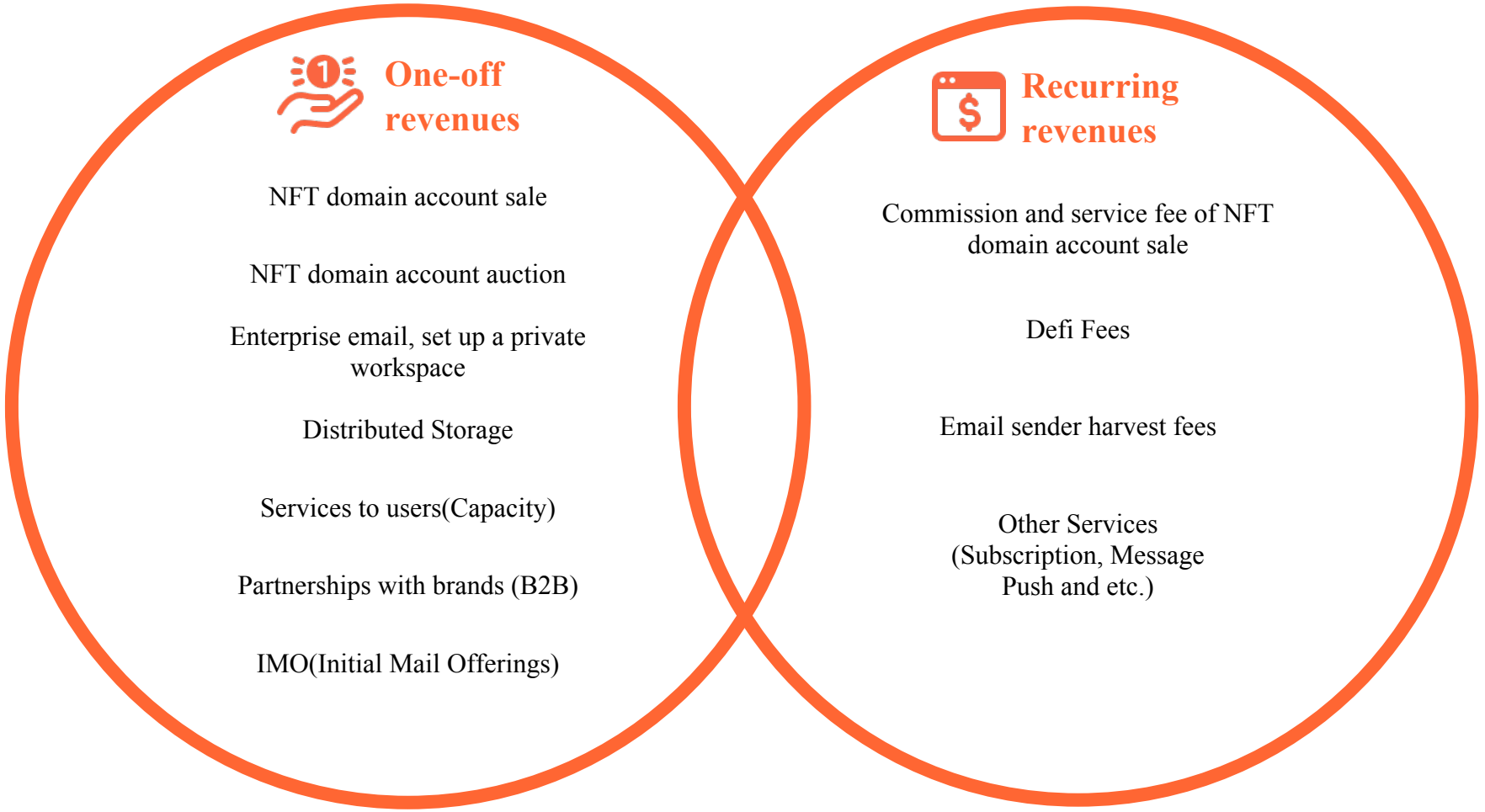
POWERED BY INTERNET COMPUTER

SocialFi

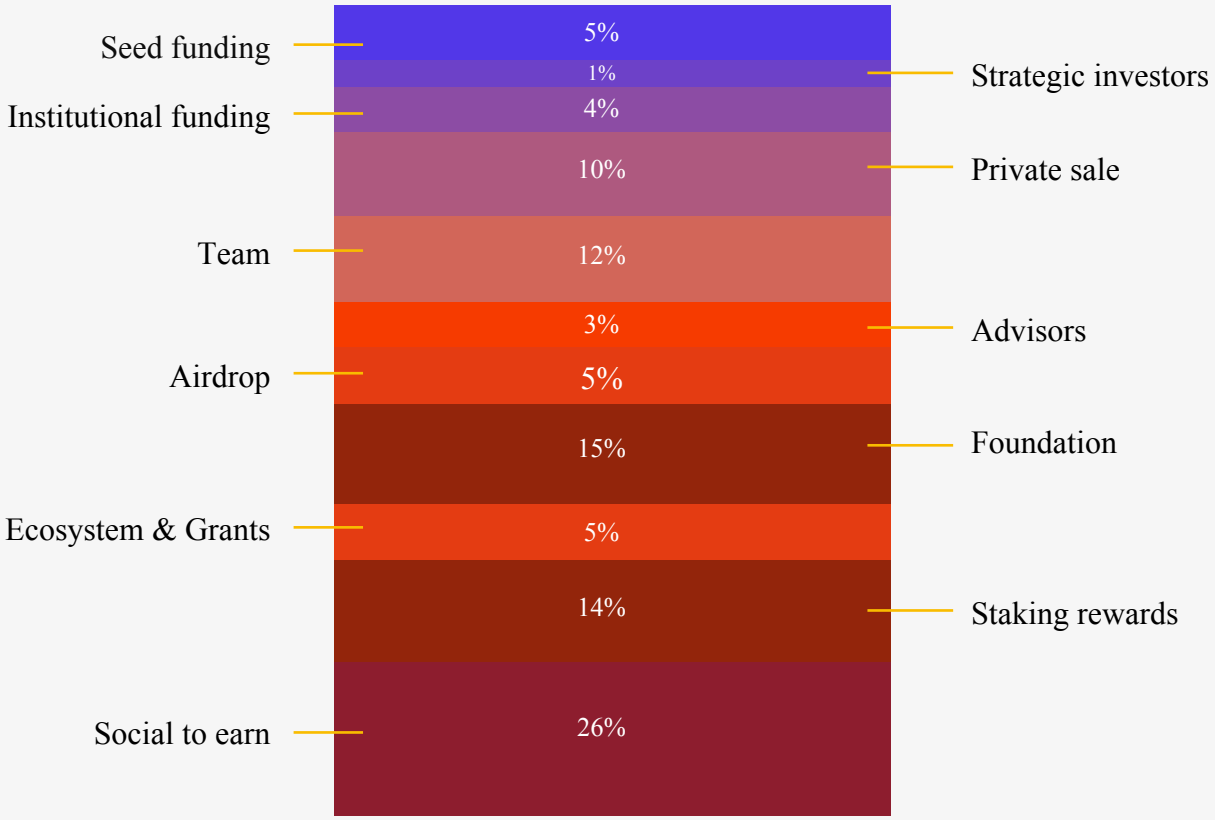
By building a multi-functional and comprehensive platform, Dmail provides users with diverse social scenarios and supplemented with pass incentives, forming a unique SocialFi ecosystem that meets the unique SocialFi ecosystem meets the dual needs of users for social interaction and revenue, and facilitates the development and motivation of users.



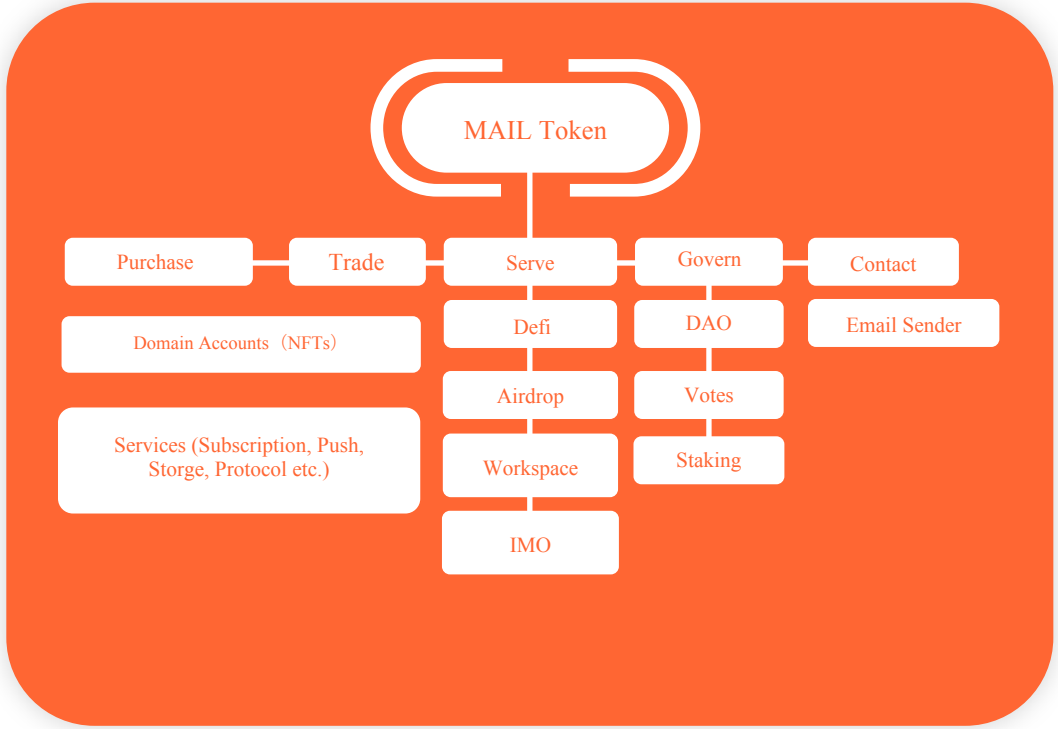
Business Model



Tokenomic & distribution



- MAIL is a non-refundable functional utility token.
- MAIL is not intended to be, a medium of exchange accepted by the public (or a section of the public) as payment for goods or services or for the discharge of a debt; nor is it designed or intended to be used by any person as payment for any goods or services whatsoever that are not exclusively provided by the issuer. MAIL does not in any way represent any shareholding, participation, right, title, or interest in the Company.



Tips:
IMO：Initial Mail Offerings.
The number or amount of Airdrop and IMO depends on the level of NFT domain account they have and the amount of MAIL.

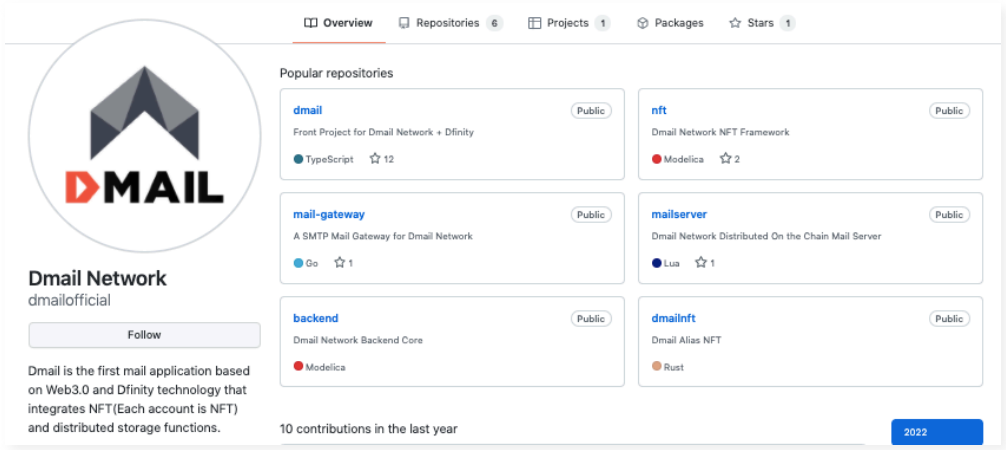
Funding

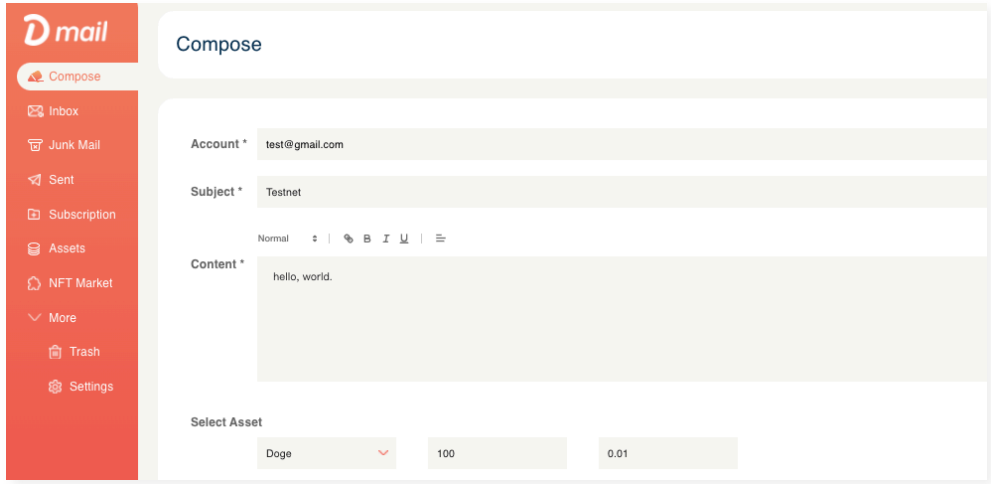
	Seed funding (Closed)	Strategic funding (Closed)	Institutional funding (Ongoing)
Access for	Early-stage VC, business angels & strategic advisors	Strategic investors	-Strategic investors -Selected Community Leaders
Medium of exchange	$0.05/MAIL token	$0.2/MAIL token	$0.3/MAIL token
Valuation	$10M	$40M	$60M
Funding goal	$500K	$400K	$2.4M
Token vesting schedule	- TGE10% - The rest monthly release over 18 months	- TGE20% - The rest monthly release over 18 months	- TGE20% - The rest monthly release over 18 months
Usage	- Expansion teams - Publicity phase - NFT development & sales	- Development of mailbox - Marketing Promotion - Recruiting partners	- Development of mailbox - Bootstrapping of liquidity
Investors	Hashkey, Draper Dragon, Spark Digital, Outliers Fund, Parallel, etc.	Amino, Hashkey	Ongoing

Build **industry-leading Product** for Web 3.0

POWERED BY INTERNET COMPUTER

Testnet



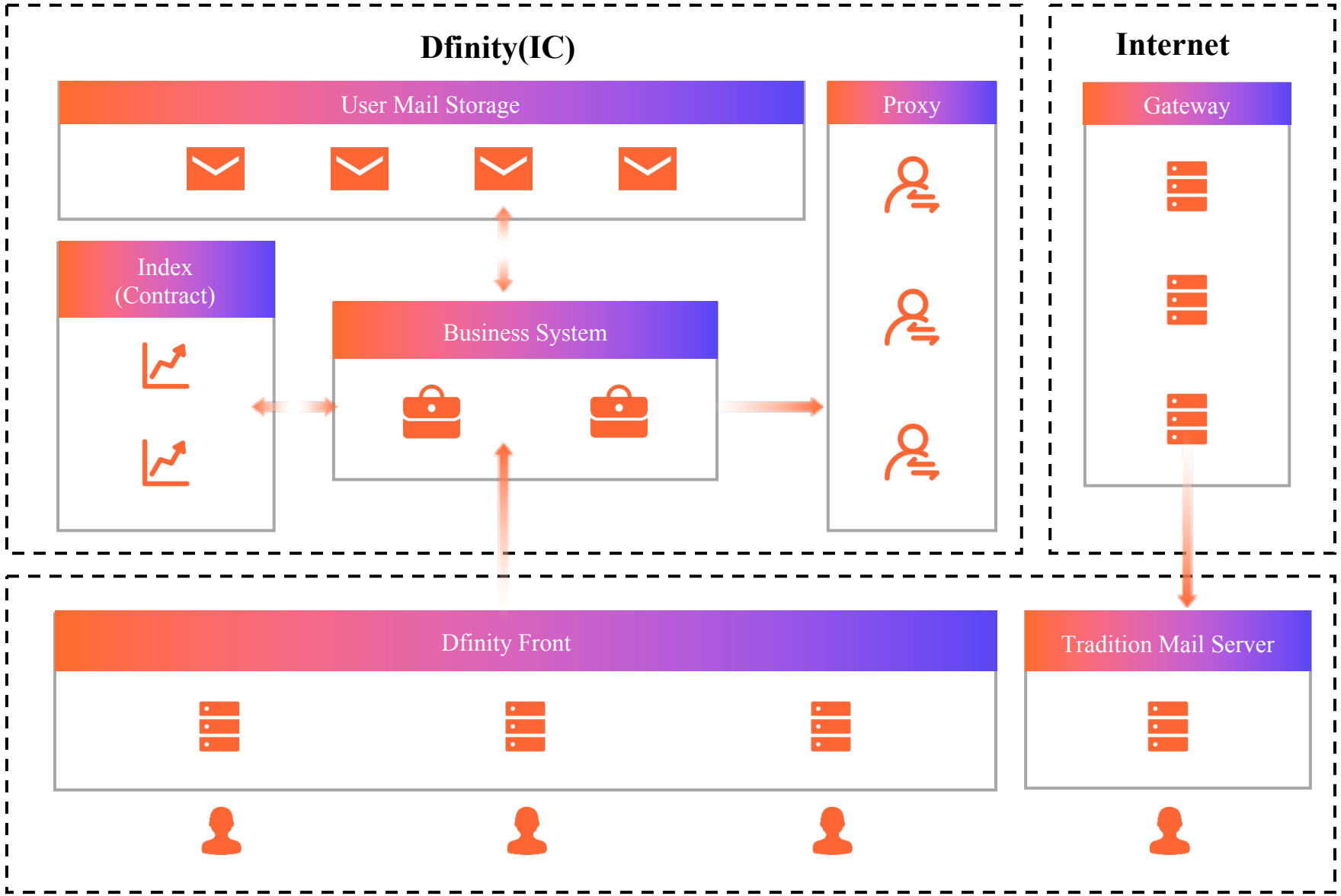


Dmail is open source on Github

Dmail Alpha Testnet is avaliable

DMAIL

Technology Overview



Dmail completes mailbox and asset functions through 5 tech modules: responsive front-end components, distributed storage, mailbox gateway, asset gateway and authentication gateway.

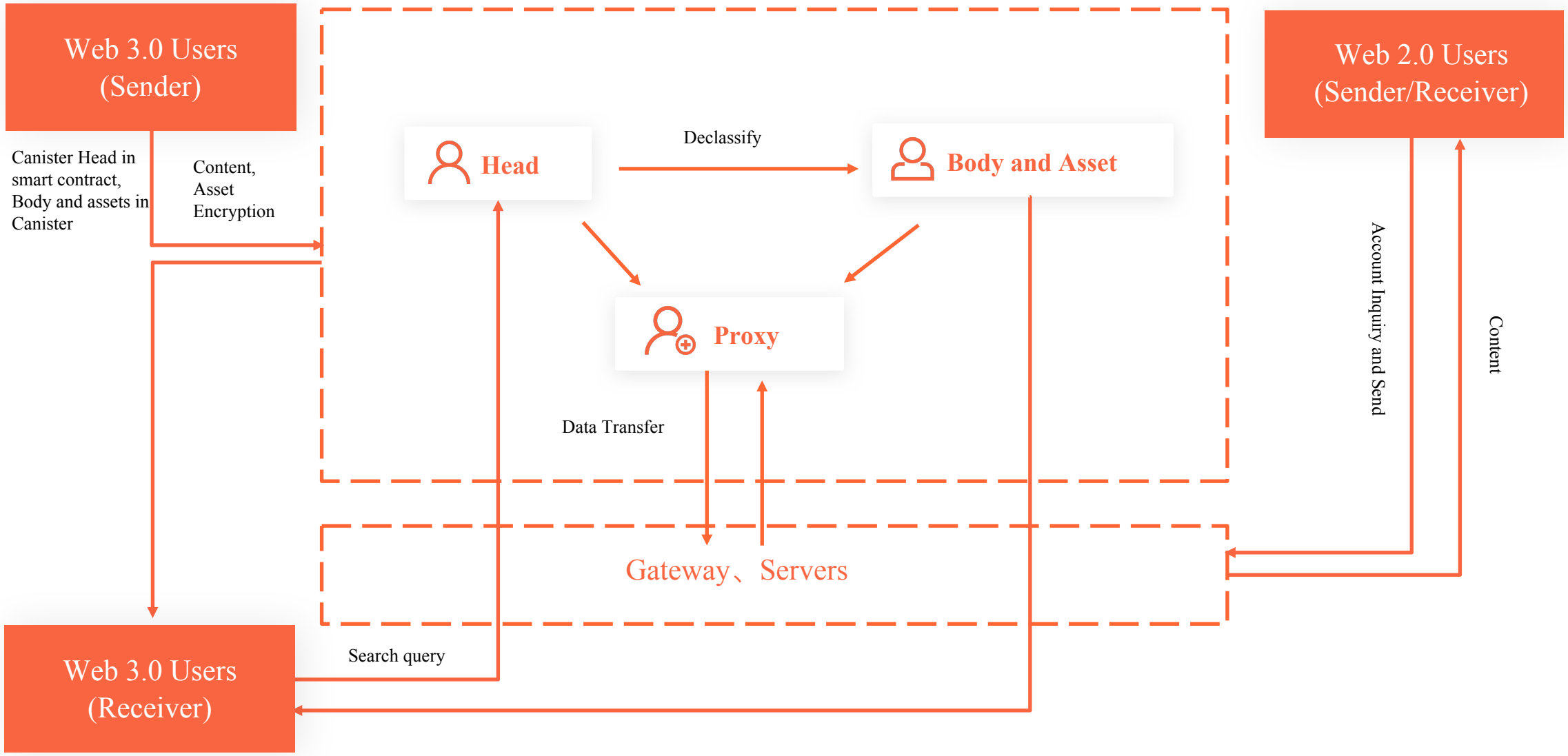
Using ii(Internet Identity) login, Canister realizes distributed storage, smart contracts, NFT, assets, users account, mail permissions and other functions.

Through various gateway components to achieve external traditional mailbox mail sending and receiving, user authentication, asset transfer.

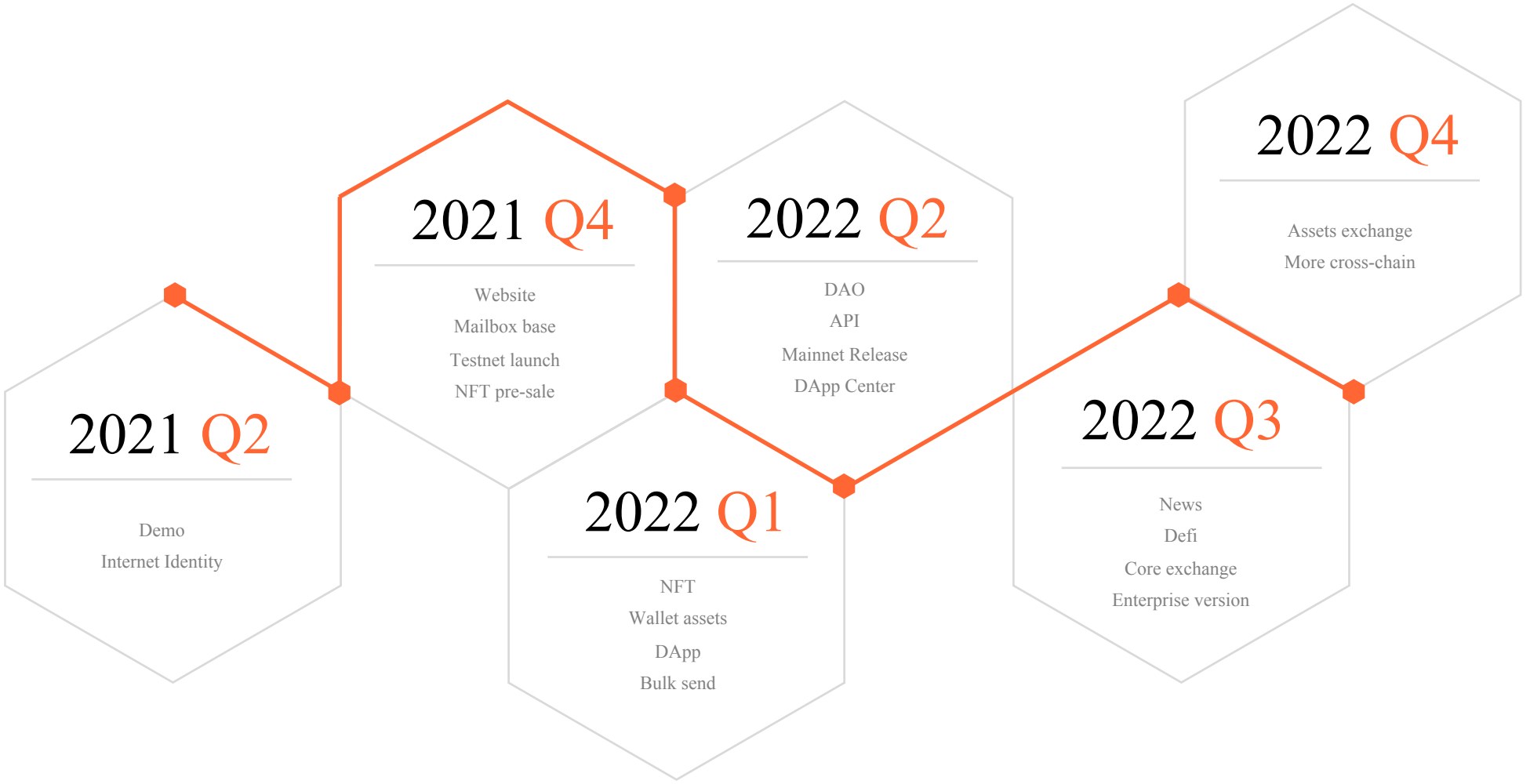
Technology Overview

	1.0	2.0	3.0
Decentralization	Separate server gateway	Cluster Gateway	• **Muti-chain, EVM**
Security Mechanisms	Dfinity Canister	Dfinity Canister Privacy & Message Protocol X25519 and multiple encryption	**Zero—Knowledge Proof** • **X25519 and multiple encryption** **Other Distributed Storage Chains**
Data Storage	One Canister per user	Multiple Canisters	• **Support Smart Multi-Chain**
Anticipated delivery	Done	2022.06(Ongoing)	• **2023 Q2(Planning)**

Technology Overview



Product Roadmap



POWERED BY INTERNET COMPUTER

Milestone

2021.10.18

Demo test

2021.10.31

Dfinity Hackathon Winner

2021.11.30

Seed funding closed

2021.12.04

NFT account pre-sale

2021.12.24

Showcase on Dfinity website

2022.02.01

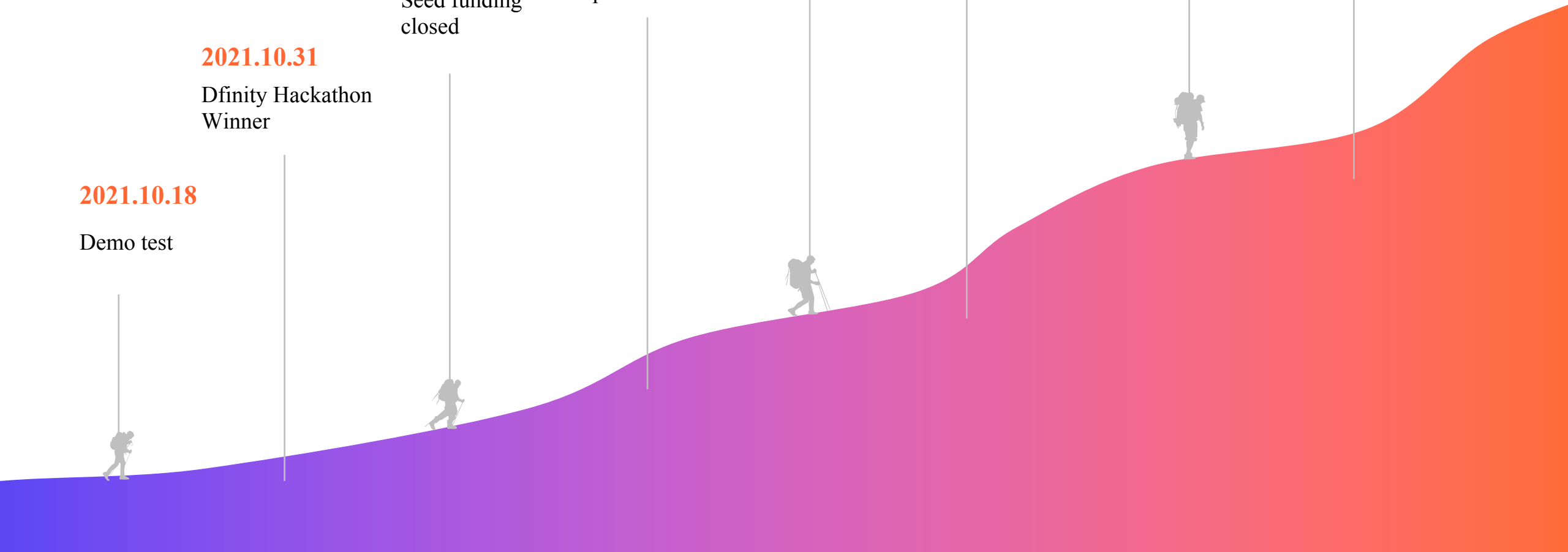
Brand upgrade

2022.02.08

Strategic funding closed

2022.02.11

$25,000 grant from Dfinity foundation ($5,000 before)



Core Members

Mittal, CEO
Strategy & Finance.
Committed to blockchain in 2016, focus on exchange, cross-chain, and invest etherum, polkadot, IC DApps in Web 3.0.

James, CTO
Blockchain & Tech. Development.
6 years blockchain and 20 years development.
Senior Software Engineer at Kyndoo.ai.
Member of Association for Computing Machinery

Apollo, CMO
Marketing branding & partnerships.
Operations Director Europe, South Asia, Americas at OKEX.
Beijing University.

Alpha, Operation
Operation at Rfintech PLC.
Director of Exchange Operations in 2018.
Served operation for Chellit, HiBTC, etc.

Tino, Marketing
CoinNess Marketing Manager.
Served marketing for Binance, OKEX, Bybit, Metis, Avalanche, etc.

Lucas, Growth
Project Manager at Tron.
Co-Founder of EOS nodes.
The University of Sydney.

Miles, Developer
10+ years development.
MBA at Fordham University(Gabeli).

Mirror, Product
8 years as product & project manager.
Lead Defi project on Etherum and other DApps.

DMAIL

Early Investors & Partners

CAPITAL AMINO

HASHKEY

DRAPER DRAGON

SPARK DIGITAL CAPITAL

한강 HG Ventures

DFINITY

plug

Parallel

BLACK VENTURES

TSING TING CAPITAL

KRETOS VENTURES

#OUTLIERS

PAKA

DMAIL

Thank you.

Looking forward to working with you