



Resonate.Social

Litepaper draft 1.0

Resonate.Social – Litepaper

TL:DR



Resonate is a Social DAO that is constituted and designed to empower an AI-powered, decentralized social network for native #Web3 audiences.

Driven by the precipitous decline of trust across all media, especially social, Resonate addresses the core audience demands of the emerging web3-verse by leveraging the power of AI. It empowers users to have a safe and trusted social experience while also enabling them to monetize their earned social trust through smart, NFT-driven token economics.

Resonate's innovation lies within its focus on instantiating the power and versatility of open access, decentralized AI / ML specifically designed for the web3 economy and putting it to simple, tangible, everyday use. This innovative use of user-level AI presents uniquely empowering opportunities that the Web3 audiences have been left sorely wanting in the market.

We believe that the decentralization of social is well underway and most options available today are on-chain versions of #Web2 solutions. We at Resonate clearly see an imminent need for a network that is fully native to the core needs and ethos of #Web3. One that is beyond the current, short-term, social solutions that are rooted in dualistic, mastodon-forked opportunities to mitigate the ideological, Web2 idiosyncrasies such as left vs. right, truth vs. false, Crypto Vs. NFT, Bitcoin vs. Eth, etc.

To solve this, we need to move beyond building just Web2-like social networks on a chain and need to solve this in two levels.

- a) A DAO that sets out a clear set of governance mechanisms that allows audiences to enthusiastically participate in auguring Web3-wide trust while incentivized via Token Economics
- b) A Blockchain based Social Platform that is designed for safety, trust-centric social sharing and connections and trust-enabled tokenomics.

Both are critical to enabling an ecosystem where users can connect safely, curate smartly, earn trust and leverage their earned trust to thrive across the Web3 verse.

Resonate will strive to be and grow into this ecosystem of choice for Web3 Trust & Safety.

Resonate

| | | | | | |
|----------|----------|--------|--------|--------|---------------------------|
| ReSocial | ReSource | ReNFTs | ReSwap | ReMeta | Resonate interoperability |
|----------|----------|--------|--------|--------|---------------------------|

What is the Resonate.Social?



Resonate is a Trust-Centric Web3 social platform built on [Fetch.Ai](#).

Resonate enables users to take full ownership of their Web3 social experience and safety by leveraging the power of '**Autonomous Social Agents**' called **ReSources**, that empower them to automatically curate their feeds for safety, trust, pseudonymity, social clout and NFT-driven token economics – all key asks for a seamless Web3 experience.

Based on Fetch.ai's Autonomous Economic Agents that act as proxies to complete a multitude of specific tasks, Resonate's blockchain-native AI architecture allows users to deploy their own custom 'ReSources' as personal AI proxies that can be trained to help manage their complete Web3 social presence.

So, users on Resonate can designate custom ReSources to stay clear of spammers, trolls, misinformation peddlers, identity thieves etc. (both individually or via consensus), designate other custom ReSources to drive, enhance, curate their social presence while leveraging this power AI-enabled trust to find and transact NFTs from trusted peers within and without the Resonate network.



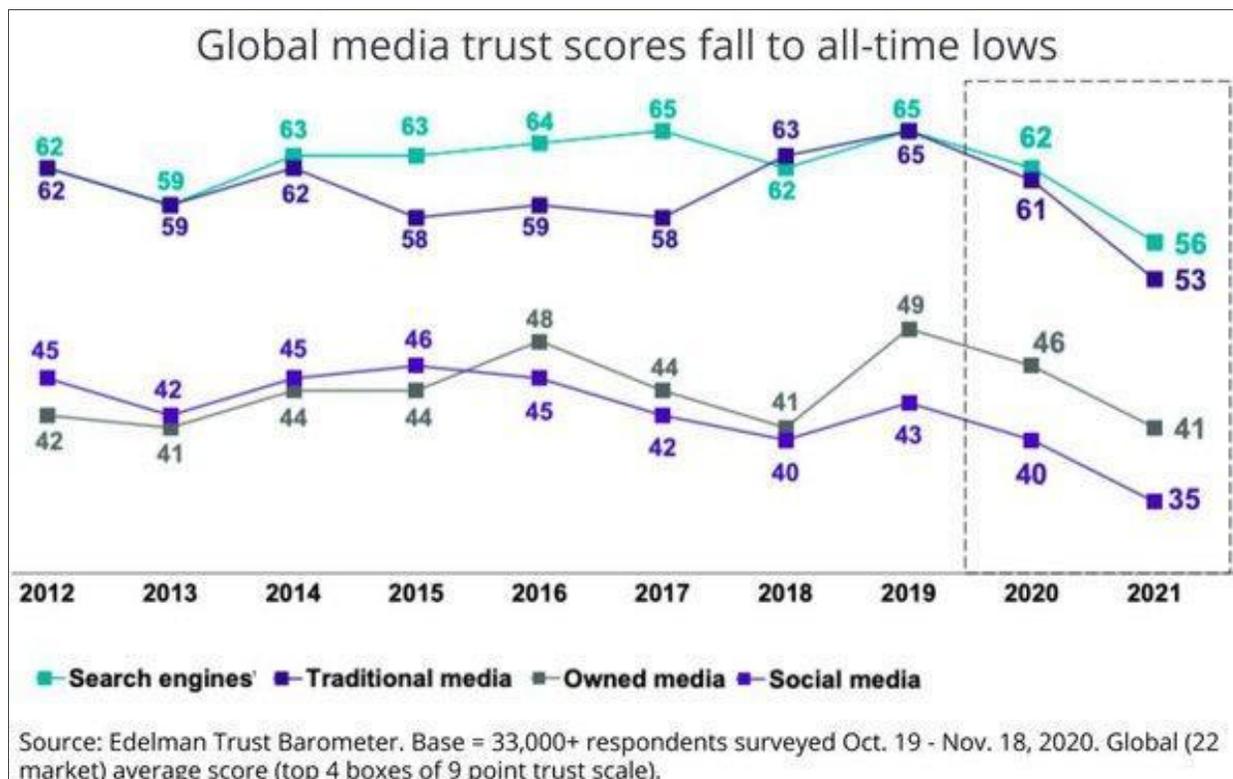
What led to Resonate?

1) Death of #Web2 Social Trust

A multitude of data-breaches, election trolling, social trolling, doxing, high-profile de-platforming, shadow-bans, cancel-culture attacks have all led to the deep decline of trust and safety in current centralized web2 social platforms. These have compounded into a precipitous decline of trust where [75% of Americans do not trust](#) Facebook, Instagram and



Tiktok etc. Audiences are caught between a lack of choice and a lack of trust and online safety. The trend lines are indicative of this decay in trust. This is antithetical to all things Web3.



2) #Web2-native / forked social alternatives

Audiences have started to migrate towards alternative social platforms that are ideologically aligned and socially 'safer'. The recent growth of platforms like Gab, Gettr, MeWe, Telegram, Rumble, BitChute etc. have all been a direct result of this. But these alternatives are still NOT truly decentralized and are not native Web3.

3) Rise of #WAGMI

Coinciding with this decline of trust and audiences is the rise of Web3. Primarily rooted in & motivated by Crypto economics and propagated by multiple, ground up, Gen Z-driven NFT / DAO hype stories such as BAYC, Constitution DAO etc., NFT-driven, tokenized Web 3 is now firmly on its way towards mass adoption.



4) The emergence of AI for Web3

Lastly, while AI / ML has been mostly leveraged for centrally curated applications, there have been very few solutions that have been natively designed from the ground up for Web3 Economics. Until now. Fetch.ai's revolutionary AI designed for Web3 allows social platforms to solve for safety, trust, curation, token discovery & economics – via a singular solution that is fully Web3 native and extensible across networks and powered by AI.

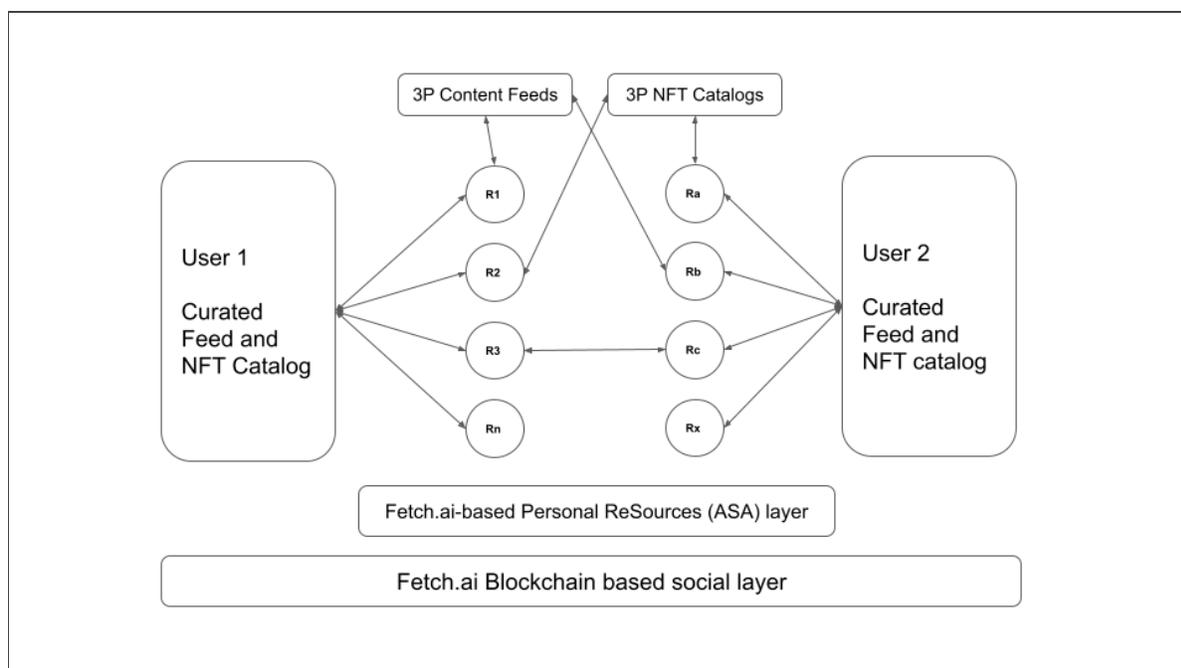
What makes Resonate Unique? – Resonate's AI powered, Autonomous Social Agent

Resonate is designed from the ground up to empower and reward core Web3 values – safety & trust. Resonate enables users to experience this via the power of Autonomous Social Agents (ASA) called ReSources. They are AI-driven task proxies that help users accomplish specific functions that allow them to have a highly curated, safe Web3 Social experience.

A ReSource can represent either the user or any sub function that the user assigns it to. Once deployed, it learns/acts independently to execute specific actions to achieve prescribed outcomes. Users can create multiple, specific ReSources for specific tasks that they deem is important for a safe and trusted social experience. Users will need RESO Tokens to create them.

As outlined in the schema below, User 1 can create a set of unique Social Resources for his/her use – Viz. R1, R2, R3, Rn etc. The user can then assign each ReSource to accomplish specific tasks such as a) accessing and filtering specific types of 3rd party content from trusted content feeds (R1), Accessing trusted NFT catalogues based on preset conditions such as creator / price / type etc. (R2), Screening peers in the network based on social trust (R3) or any other task like token transactions etc. Users can connect and mediate without the ASAs if they choose too as well.

This essentially gives users Social Superpowers where they are empowered to keep their feeds and presence safe and trusted via the power of personalized AI. As these Resources are fully customizable, Resonate augurs in the era of true decentralized authority in curation for safety and trust. It also makes it easier for users to have an extensible, ReSources / ASA- mediated, safe and pervasive presence on emerging AR/VR ecosystems like the Metaverse and other Avatar-based pseudonymous ecosystems.



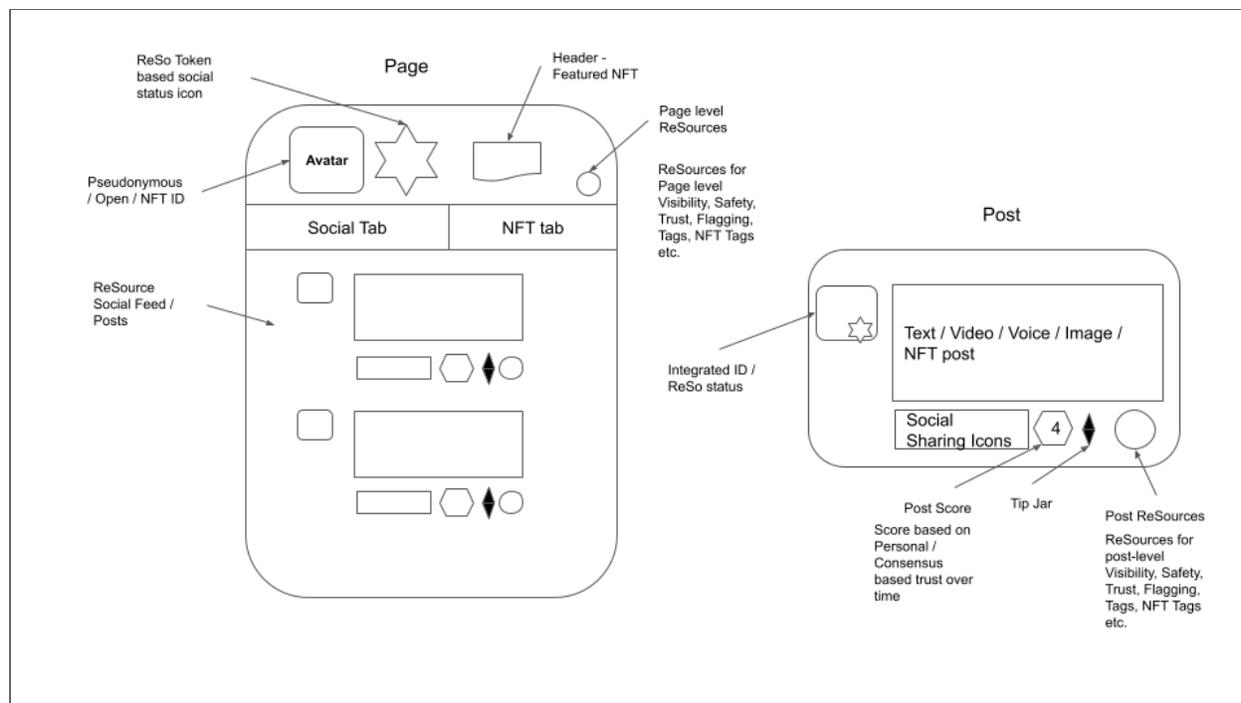
Resonate's NFT-ready, Trust-centric Social Feed

Resonate's social feed is designed for Trust and NFT-driven Token Economics. Both essential pillars of the emerging Web3 Social experience. Some of the Salient features of the Resonate Feed are:

- Two distinct feed flows – one for Safe Social and one for NFT Discovery
- Hybrid Avatar that allows for Pseudonymity, Transparency or NFT-based Identity
- RESO NFT / Token based network status that allows for trust-based network privileges (these privileges are explained in the Resonate NFT section below)
- NFT integrated Header that the user can use as a NFT banner if so desired
- Page-Level ReSource ASA that allows for top level curation and tasks. Top level ReSource can be assigned for universal tasks such as visibility, safety, trust and tags-based content and NFT curation.
- The social post is designed to be NFT ready (meaning, the user can access their NFT catalogue to share it as a Post)
- Each Post has the familiar social sharing functions along with a trust score and a Post-level ReSource ASA function.
- Post ReSources can be assigned for selective visibility, blocking, flagging, nominating the post or the poster and automated NFT tagging etc.
- Each post has an integrated crypto tip jar that allows for users to tip user for Trust



- Post Trust Scores are assigned based on the poster's / content source's Consensus-based trust track record. This is a unique innovation that takes full advantage of the AI / ML framework and solves a key trust challenge



The native Resonate NFT catalogue – solves the seller identity challenge

Resonate seamlessly integrates key NFT functions natively, thereby making it the first social network that makes it easy to discover trusted NFTs from network contributors.

NFTs on Resonate can be listed by trusted network peers by using RESO Tokens as listing/Tx fee.

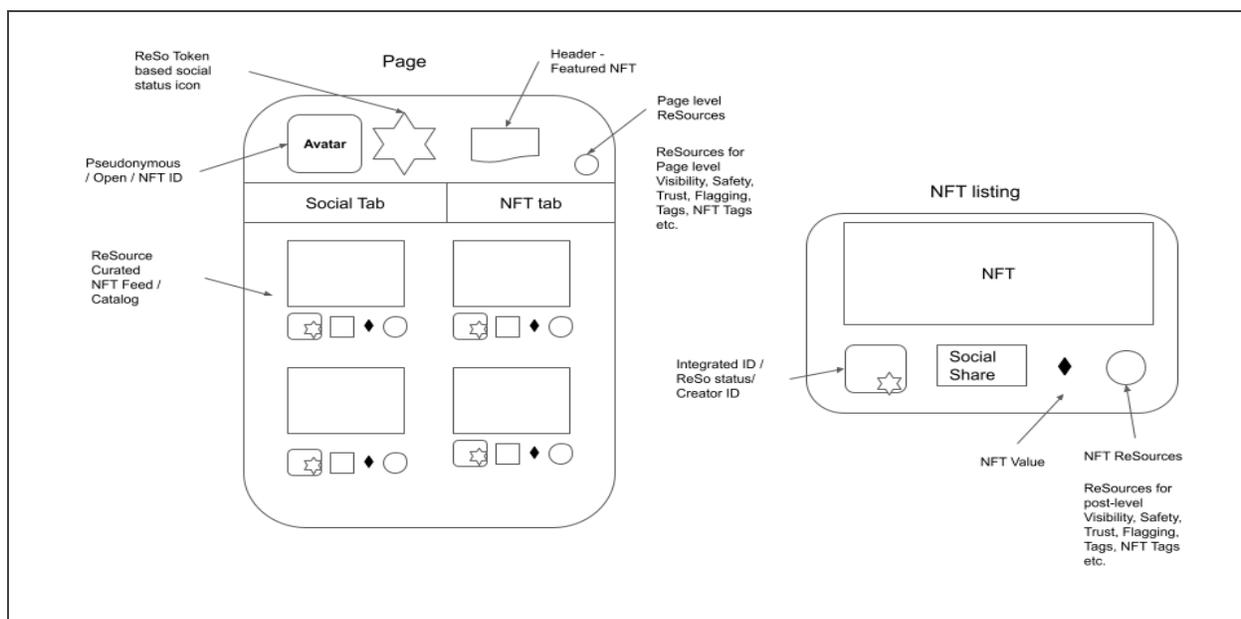
As Resonate is singularly focused on trust, users who choose to list their NFTs on Resonate can be listed as trusted sellers both within and without the Resonate Network, thereby helping bring better credibility to lister credentials for users natively rank & reward for trust. Simply put, everyone has a trust score. No trust, No listings.

In a non-network, NFT marketplace scenario, for high value NFTs, buyers are expected to verify the NFT sellers' legitimacy by checking the seller's twitter feed, Discord presence, marketplace sales stats etc.



Resonate solves this key NFT creator identity challenge by building trust for both the buyer and the seller. Users can deploy NFT ReSources/ASAs that check for Authenticity of the user, NFT sales stats etc.

The NFT listing as such allows for verified identity, social sharing, NFT value and NFT Resources that the user can use for NFT visibility, value setting, Tagging etc.



The Resonate NFT – Social Cloud based on Social Trust

Resonate is rooted in the truth that above all else, Bitcoin included, **Trust is the most valued social currency.**

As a network that is rooted in the Web3 values, Resonate's NFTs are designed to celebrate, empower and reward users who are deeply aligned to these values and the network's continuous optimization towards the said values.

We believe innovation in decentralized feed ownership that drives trust and safety is extremely important to combat the centralized 'Fact Checkers' problem of Web2. The current paradigm puts the control of the social feed's trust in the hands of an invisible group of folks who decide on what users can see/read/view/listen on their feeds. This has obviously resulted in exacerbating the trust issue and many times these 'Fact Checkers' were patently wrong and users had no choice to question them nor combat their monopolistic stronghold.



We strongly believe that any true Web3 native social network like Resonate must address this issue head on by incentivizing values-aligned membership through tokenized innovation. So, when users buy into the ecosystem, they become responsible and rewarded custodians of the collective social feed while enjoying the rewards that the investment and commitment offers.

We believe these leaders are social **FeedHeroes**, the everyday superheroes who are champions of all things Web3 Social stands for and keep the Feeds Safe and Trusted through individual contributions and through consensus. **Resonate NFTs are called FeedHeroes.**

FeedHeroes are limited edition Non-Fungible Tokens that are released both seasonally and can also be earned through earned trust.

A FeedHero NFT is a trust-centric social identity that carries its weight across Web3 where safety and trust are valued. They allow you to:

- Instantly become a leader in Safety & Trust within and without the Resonate network
- Ability to vote in consensus/governance (ReSolutions - described below)
- Instant increase in trust within the network which allows for better post-tips and rewards (akin to YouTube Donations)
- Exclusive preview of upcoming NFT drops with right of refusal privileges
- Free Prebuilt ReSources (ASAs) for key functions

FeedHeroes NFTs are multilayers and are designed by leading artists who deeply believe in the core values of Web3. Designed to celebrate their deep commitment to, they are designed around the real-life, contemporary heroes who have come to symbolize these growth and values of Web3.

Ideas of Resonate NFT include the 'Tristanian' (Tristan Harris – Social Dilemma), 'Dorseyville', Dixonism (Chris Dixon), Balajinomics (BalajiS), 6259 (Punk6259), Naval (Naval), The FyneMan (Feynman), Sriramology (Sriram Krishnan) etc. Scarcity is derived from our attempt to embed an exclusive soundbyte from them as part of the NFT and our mission.

FeedHeroes (Images)





The RESO Token - RESOs

RESOs (rhymes with Pesos and not Resource) are tokens built on the Fetch.ai blockchain specifically as the Resonate network's native utility currency. RESO tokens are a must to participate in the Resonate DAO (explained under governance).

On a practical level, users must use RESOs to create their own ReSources (ASAs) that they can deploy to perform specific tasks. Depending on the ReSource task, there might be gas fees involved and they will need to be addressed through RESOs.

In addition to core functional aspects of the platform, users can use RESOs for all activities with the Resonate network such as tipping other peers, sources, creators in their feeds, listing NFTs, buying NFTs etc. Resonate's tokenomics are designed for sustaining long-term social feed efficacy and values that Resonate is built on.

We believe both the Resonate NFT and the RESOs token are the very first NFTs and Tokens that are specifically designed to incentivize and grow safety and trust across Web3. As the Resonate network grows, we believe RESOs have the potential to be used as the default currency for authenticity validation of users, sources etc.

Token Distribution

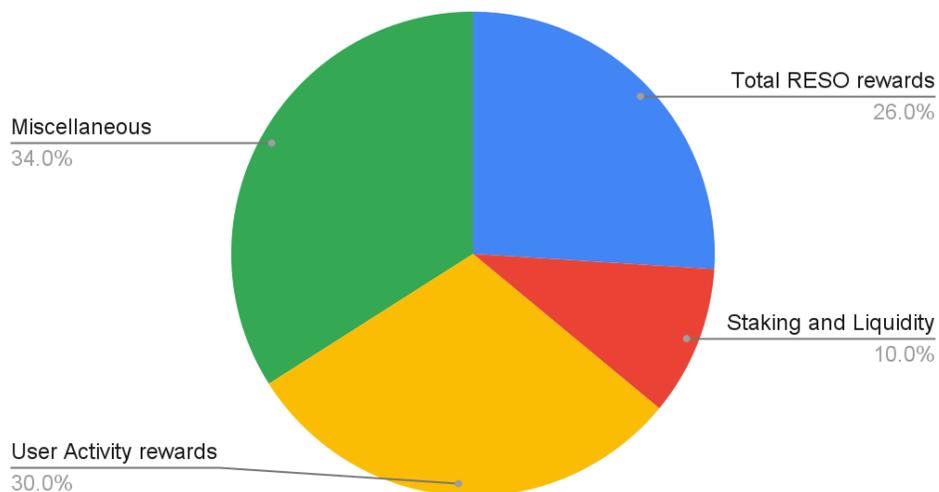
There are 2 types of tokens - RESO native utility token and Resonate NFTs, both will be built on the Fetch.Ai blockchain. The total supply of the RESO tokens would be 1 billion.

The breakup of the total supply and the % division would be as below mentioned table:

| Token amount | Total supply (in million) | % |
|-------------------------------|---------------------------|-------------|
| Total RESO rewards | 156 | 16% |
| Staking and Liquidity rewards | 60 | 6% |
| User Activity rewards | 180 | 18% |
| Miscellaneous rewards | 204 | 20% |
| Team | 150 | 15% |
| Advisors and investors | 150 | 15% |
| Marketing and listing | 100 | 10% |
| Total amount | 1000 | 100% |



Community rewards



The above chart illustrates the total community rewards possible, and the total supply of community rewards will be **600 million**.

Rewards distribution quarterly wise: (in million)

| | q2, q3 2022 | q4 2022, q1 2023 | q2, q3 2023 | q4 2023, q1 2024 | q2, q3 2024 | q4 2024, q1 2025 | Total |
|--------------------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------|
| Quarterly rewards distribution | 26 | 26 | 26 | 26 | 26 | 26 | 156 |
| Staking and Liquidity rewards | 10 | 10 | 10 | 10 | 10 | 10 | 60 |
| User Activity rewards | 30 | 30 | 30 | 30 | 30 | 30 | 180 |

Resonate NFT distribution

The total NFTs are 10,000.



| | |
|----------------------------|--------|
| Total NFTs | 10,000 |
| Dutch auction sale of NFTs | |
| Ceiling value of NFTs | 1ETH |

NFT distribution:

| Months | Number of NFTs minted at the 1st of every month |
|--------|---|
| 1 | 1000 |
| 2 | 1000 |
| 3 | 1000 |
| 4 | 1000 |
| 5 | 1000 |
| 6 | 1000 |
| 7 | 1000 |
| 8 | 1000 |
| 9 | 1000 |
| 10 | 1000 |

Interoperability in Resonate

Resonate, built on the Fetch Blockchain is designed to be fully interoperable via the Cosmos IBC (Inter-Blockchain Communication) so that users can both communicate and transfer / transact digital assets across different blockchains. This is essential for the growth and success of Resonate's mission.

Resonate' UX is inherently designed for interoperability and the need to transact with 3rd Party entities that are either on-chain (other chains) or not is central to the solution and UX. Both the Fetch Blockchain which Resonate is built on and the ReSources (ASAs) that users will deploy must be able to transact with other Blockchains. Seamless Swapping and Re-Swapping within and without the Resonate Blockchain is enabled via this interoperability through the Cosmos IBC.



Resonate DAO - The Consensus / Governance mechanism in Resonate

The Resonate DAO is constituted as a Social DAO for the Web3 Verse. Staking RESO Tokens, stakeholders participate in consensus based governance that allow for ensuring collective trust and safety both from a social engagement perspective and also from a NFT economics perspective. While at a basic level, the Smart Contracts driving collective, network-wide safety + trust consensus will be similar to other governance based networks, the real opportunity that Resonate DAO brings is in governing the opportunities around ReSource (ASA). Returns for Resonate DAO participants depend on more audiences buying into the RESO Token-based social trust and NFT ecosystem that charges a fee for trusted listing and authentication of NFTs and content etc. To get things started, we plan on leveraging [Aragon](#) to drive governance.

Web 3 native social networks that drive core values must have clear consensus and governance mechanisms. Just as Bitcoin relies on the Bitcoin foundation and Ethereum's need to split into ETH and ETC after the DAO hack, it is important that Resonate has clear social contracts that fundamentally govern the network ecosystem and participants.

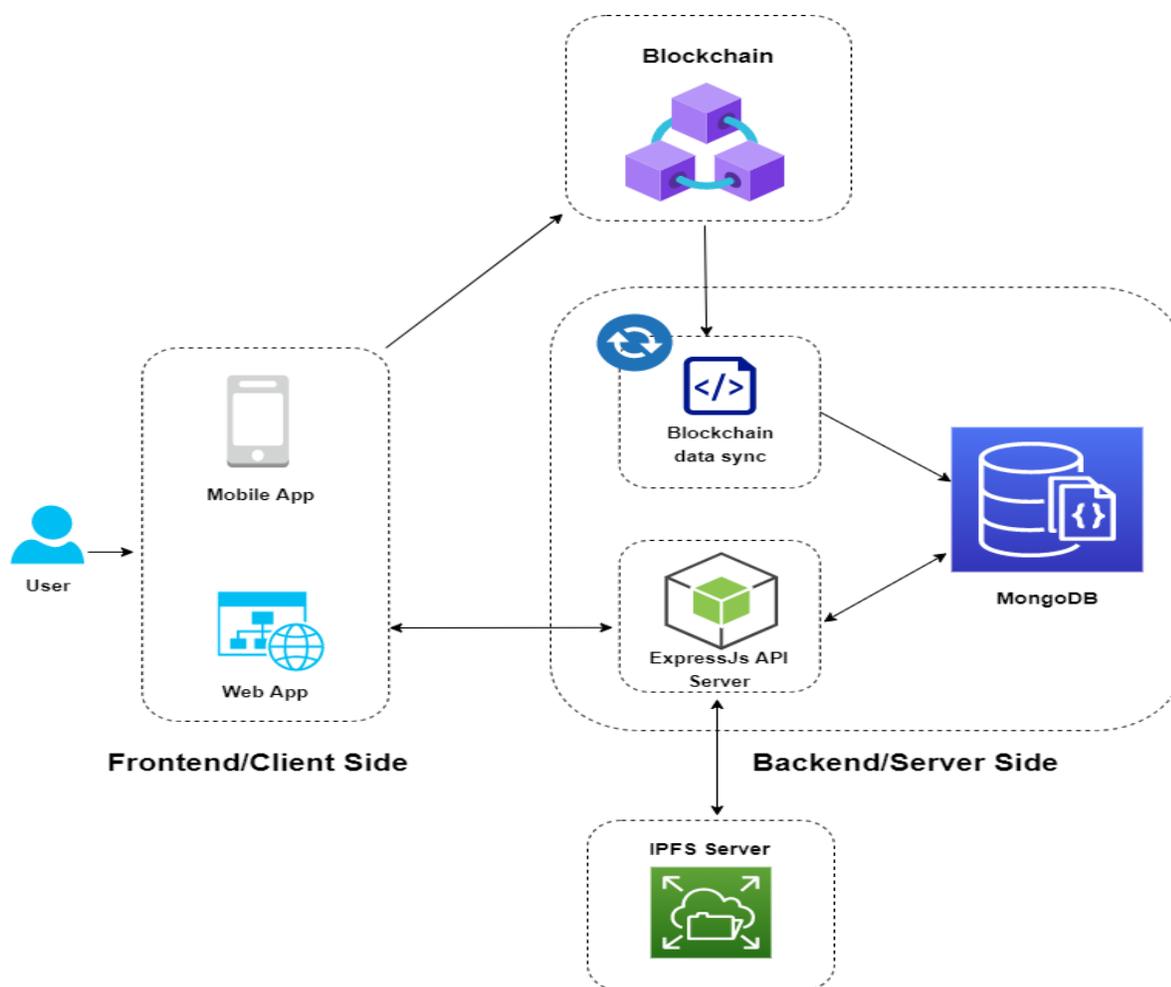
At a participatory level the Resonate NFT and anyone with high enough trust scores offers a buy into the governance mechanism and consensus pools where owners of Resonate NFT along with others in the network that have high trust scores can vote on proposals around safety and trust in the social feed and NFT sources.

Given that Resonate has native NFT capabilities, they can vote on Gas Fees, coordinate upgrades, decide to platform ban certain truly nefarious actors (such as child porn / terrorism related content etc.) as well as vote on amendments to the human-readable consensus mechanisms of the Resonate Network called ReSolutions.

ReSolutions allow for cohesion among the stakeholders on issues that matter to the Resonate network Viz. What is safe? Who is Safe, which sources are trustworthy? Theft issues, Bugs on the network, and literally allows for quicker resolution of the problems faced.

Resonate's Solution Architecture

1. User action/data are recorded on blockchain via smart contracts.
2. User uploaded media files are stored on an IPFS server. The reference to those files are then recorded in the smart contract.
3. Blockchain data is cached and indexed on MongoDB for faster reading.
4. Tech stack:
 - Backend: a. NodeJS b. ExpressJS c. MongoDB
 - Frontend a. React Native b. Angular
 - Smart contract: a. Rust



Advisors and Affiliations:

Fetch.ai
 Unicred
 Chainflux

Roadmap

| Q1 2022 | Q2 2022 | Q3 2022 | Q4 2022 | Q1 2023 |
|---------------|-----------------------|----------------------|--------------------|---------------------|
| Resonate Beta | Resonate Swap | Resonate Airdrop | RESO token staking | Resonate governance |
| Resonate NFTs | Resonate (RESO) Token | Resonate main launch | ReSource agents v1 | Resonate Metaverse |



Contact

Web2 contact details:

Telegram: <https://t.me/+7MWnqN2Bs2o5OGQ9>

Medium: <https://medium.com/@ResoNetwork>

Twitter: <https://twitter.com/ResoNetwork>