



**Chronicle:**  
**A universe for authenticated digital assets**

**Whitepaper v 0.4.1**

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**Abstract**

High network gas fees and prerequisite knowledge of how cryptocurrencies operate are two common barriers for the scaling of digital collectibles (NFTs) to the general public. A faster blockchain network is part of the solution, but the main benefits are lost if the onboarding process continues to be too troublesome. We propose an eco-friendly centralised platform that would solve a number of these onboarding issues, bringing millions of fans of beloved brands into the world of NFTs; whilst also rewarding users through incentivised DeFi-like strategies.

## 1. Disclaimer

Chronicle reserves the right to amend the contents of this whitepaper without notice or notification. Please check the document version and date if you are unsure.

## 2. Background

Stories are as old as language itself. They have the unique ability to shape thinking and mould memories like no other form of communication can. A compelling narrative can easily imprint itself on the mind, leaving an unforgettable impression on the viewer.

Over the millennia our storytelling methods have evolved, often through artistic depictions. From the cave art of the Upper Paleolithic to today's online streaming services, and everything else in between. It is only natural to assume that storytelling methods will continue to evolve, just as they have for tens of thousands of years.

We've identified that we're at the transition point (paradigm shift) for the next human evolution of stories and artwork, through digital collectibles or *non-fungible tokens* (NFTs) recorded on the blockchain.

## 3. The Problem

The digital collectibles (NFTs) market largely consists of users who are pre-familiar with cryptocurrency and the operational use of the blockchains they're hosted on. Millions of traditional users of physical collectibles and fans of beloved brands are currently unable to access NFTs primarily due to challenging onboarding processes, such as:

- i) purchasing cryptocurrencies on an exchange
- ii) required understanding of different blockchains
- iii) knowledge on how to set up a crypto wallet and storing of private keys
- iv) knowledge on how to export tokens from the exchange to a crypto wallet
- v) heavy network prices on the blockchain (e.g. Ethereum network)

NFTs still remain far too troublesome for some, thus leaving out millions of potential users to the world of digital collectibles and the millions of dollars of revenue they could bring in.

## 4. Our Solution

Our proposed solution? Chronicle — an easy to use platform where users can buy, sell, trade, bid, and gift authenticated digital collectibles licensed directly from the world's leading brands, featuring:

- Easy email address sign up.
- USD onboarding via payment integration partners (e.g. credit card, bank account).
- Access to premium, authenticated digital collectibles backed by the world's greatest brands.

- Options to buy, sell, swap/trade, bid, and gift collectibles.
- Show off your collectibles to social media.
- Gamification — build up your Chronicle profile.
- Earn rewards via Chronicle’s native XNL token, which can be used for trade discounts and priority access to limited edition collectibles.
- Friendly user experience. Each user assigned a wallet for the storing of their collectibles. We handle all the blockchain on the backend. No confusion nor compulsion for the user to learn *crypto* if they don’t want to.
- Eco-friendly infrastructure. We’re partnering with charities and building on Proof of Stake (PoS) blockchain solutions that offset carbon emissions.

## 5. Collectible Categories

Chronicle aims to become an all-industry-support platform covering but not limited to:

- Film and Television
- Animation
- Sports
- Arts and Culture
- Music
- Games
- Celebrities
- Fashion
- Other Officially Licensed Memorabilia

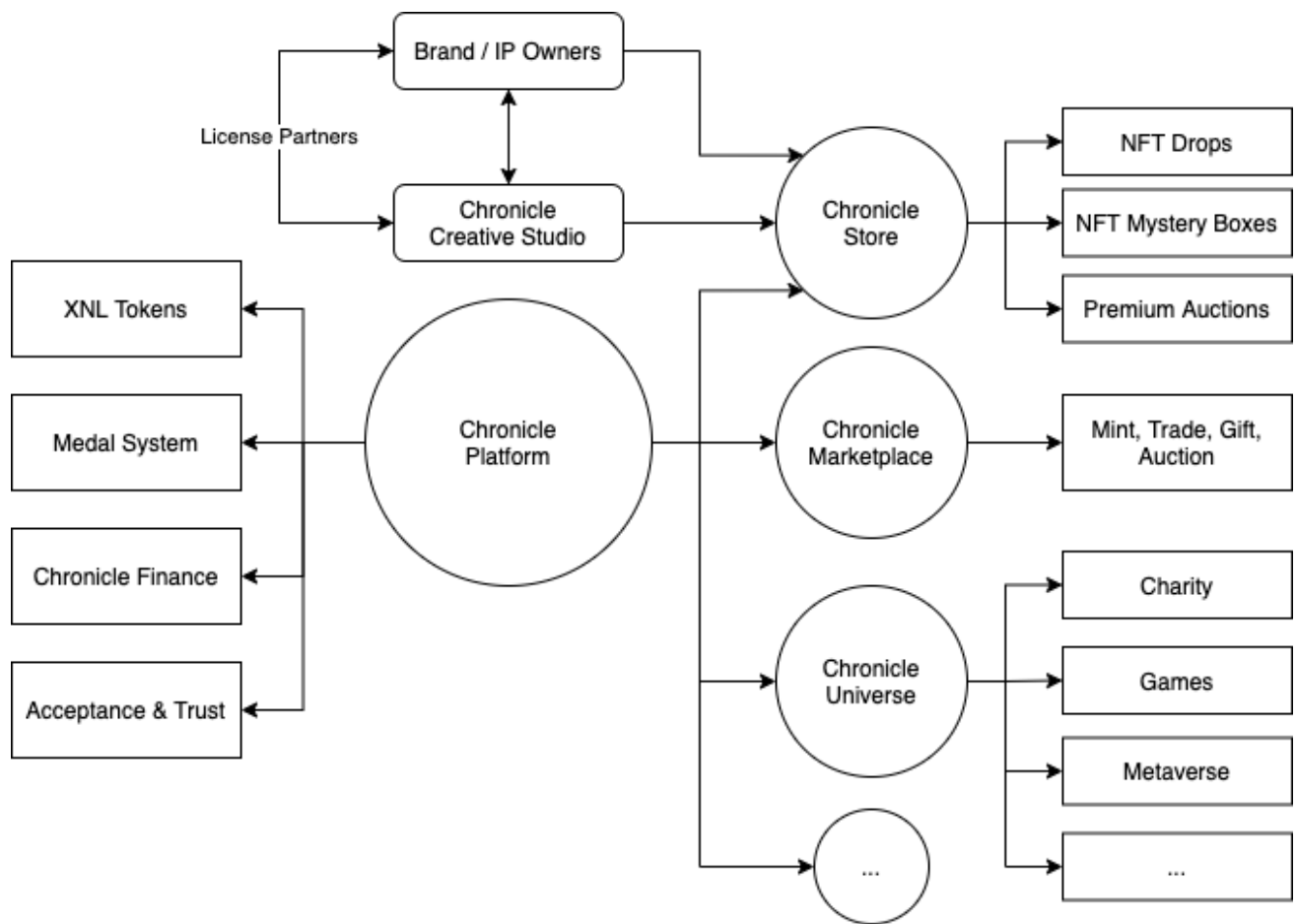
## 6. Collectible Rarities

Chronicle will have a series of different rarity levels for each set of collectibles. From most common to least common, these are named:

- Common
- Rare
- Epic
- Legendary
- Immortal

## 7. Chronicle Ecosystem

The Chronicle ecosystem contains various roles and components as shown in the graph below.



### i) Roles

- Collectibles

Licensed collectibles are developed by Chronicle Studio which can be sold on the Official Chronicle Store and purchased by collectible traders. Based on brand categories, these collectibles can vary in their forms (still images, 3D models, music, videos, etc.), all with an emphasis on creating an immersive experience for the collectible holder.

- Chronicle Studio

An internal team of 2D and 3D environmental and character artists working at the Chronicle HQ who design and develop authenticated collectibles licensed directly from world's leading brands, which are sold in the Chronicle Store. Each collectible that the Studio creates, whether extremely rare or common, comes with a Chronicle hologram/watermark for instant recognition and brand verification.

- **Licensing Partners**  
License holders of brand IP in partnership with Chronicle will earn a percentage of revenue, typically on the sale of packs and the marketplace transactions. Each individual license that Chronicle obtains is unique, usually dependent on the brand, its owner, history, and fanbase size.

## ii) Components & Services

- **Chronicle Store**  
The issuance and distribution center for authenticated digital collectibles. All licensed collectibles are categorized in collections which are sold in limited edition sets per period of time (e.g. week, fortnight, month).

The forms of the sales are divided into:

- NFT Drops
- NFT Mystery Boxes
- NFT Auctions

All purchases across NFT Drops, NFT Mystery Boxes, and NFT Auctions shall be made via USD (fiat or stablecoins) that is pre-loaded into the user's Chronicle account.

### **NFT Drops**

An NFT Drop is the sale of a series of minted collectibles on the Chronicle Store available until they are sold out. Different quantities of collectibles will be minted and sold under a collection, with different price points based on their rarities. The quantity of a collectible is fixed. Collectibles can be scheduled to drop across a period of time, or launched all at once. Users will be able to purchase freely once a drop is activated.

### **NFT Mystery Boxes**

Unlike an NFT Drop where the purchaser knows exactly what collectible they are acquiring at purchase, Chronicle also seeks to issue Mystery Boxes based on random selection.

A collection with varying quantities of different collectibles within a brand and/or franchise can be issued where the user doesn't know exactly what collectible they will receive until the point after it is purchased.

An example of a mystery box could include a set of 10 unique superhero characters in various quantities across Common, Rare, Epic, Legendary. The user would purchase the Mystery Box, at which point their collectible would be revealed.

Chronicle will ensure users will know beforehand what collectibles can be obtained from a Mystery Box purchase, including the quantity of collectibles and their rarity, as well as how many Mystery Boxes remain available for purchase.

### **NFT Premium Auctions**

Chronicle will issue exclusive digital collectibles and make them available via an auction. The rarity of collectibles via the Premium Auction method will all be “Immortal” status (i.e. “one of a kind”).

Chronicle applies the basic auction model where parameters are set around the auction, including:

- Auction type (e.g. English, Dutch, Vickery, etc.)
  - Starting price
  - Minimum standing time for the highest bid
  - Auction duration
  - Participation requirements
- **Chronicle Marketplace**

Central to its platform, Chronicle’s collectible marketplace allows users to buy, sell, swap, trade, bid, and gift licensed digital collectibles from leading brands.

    - i) Listing of a collectible for sale, swap, or trade is free; as is gifting a collectible.
    - ii) Once a buyer takes an order, 5% of the deal price will be charged from the seller. This fee covers the operational cost (e.g. blockchain fees) and includes a small royalty shared between Chronicle and the brand owner.

All purchases shall be made in USD (fiat or stablecoins).

## **8. Revenue**

Given the nature of Chronicle being a fan-focused platform and being licensed directly from official brands, the revenue of Chronicle can come from primary, secondary and business sales, including but not limited to the following:

### **A. Direct Sales from Chronicle Store (First Market Revenue)**

After acquiring official licenses from brands, Chronicle will work closely with the creative team of the brand owners to create officially licensed NFTs. These NFTs will be issued and sold to the fans in forms of common drops, mystery boxes, etc. Chronicle shares a royalty with the brand owner from the revenue generated from the sales of each collectible.

B. Premium Listings & Auctions (First Market Revenue)

There are limited-edition collectibles from the brand which are sold in forms of premium listing or auction. Similar to direct sales, Chronicle will share a royalty with the brand owner from the revenue generated from the sale of each collectible.

C. Transaction Fees from Chronicle Marketplace (Secondary Market Revenue)

Chronicle takes a 5% commission from all sold collectibles on the secondary marketplace, with the remaining 95% going to the seller. This fee covers the operational cost (e.g. blockchain fees) and includes a small royalty shared between Chronicle and the brand owner.

D. NFT as a Service (NaaS, B2B Revenue)

As Chronicle develops and onboards more brands, its authority in helping brands connect with fans using digital collectibles in a professional and creative way will be enhanced. Thus, Chronicle can serve as a creative consulting company offering NFT as a Service offerings. It is highly likely that these services could expand beyond Chronicle's own Store and Marketplace to external NFT partners.

9. Blockchain

The mass adoption of cryptocurrency in 2021 has been unprecedented. As a result of decentralised finance (DeFi), the Ethereum network has become congested so much that in February 2021 the average swap gas fee was approximately 50 USD.

Additionally, with the whole world concerning the massive energy consumption and carbon emissions of blockchain mining, more and more projects have decided to migrate to blockchain solutions that are more environment friendly.

Therefore, Chronicle requires a carbon-friendly Proof-of-Stake (PoS) network that will provide the best experience for its users whilst at the same time running on the codebase that Ethereum has created for its ERC-721 standard.

Our choice of solution for the immediate term is the Aurora Ethereum Virtual Network (EVN) built by the team at NEAR Protocol.

It is important to state that Chronicle is an application-layer product and is not solely fixated on one single blockchain technology. For this reason Chronicle is building itself as blockchain agnostic to support multiple blockchains and provide cross-chain NFT solutions.

10. Tokenomics

XNL is Chronicle's native cryptocurrency, an ERC-20 utility token issued on Ethereum. XNL denotes users' rights on Chronicle and is designed for the empowerment of the ecosystem and governance over the community.

Fixed Total Supply: 100,000,000 XNL

Category	%	XNLs	Price	Vesting
Seed Round	11.2%	11,200,000	\$0.075	15% unlocked at TGE, 15% unlocked every 3 months
Private Round	21%	21,000,000	\$0.100	20% unlocked at TGE, 20% unlocked every 3 months
Public Round	2.8%	2,800,000	\$0.100	33% unlocked at TGE, 33% unlocked every 3 months
Licensing & Partnership	15%	15,000,000		6 month escrow, then 20% released every 3 months
Team + Advisors	20%	20,000,000		12 month escrow, then 20% released every 3 months
Community Growth	5%	5,000,000		1 month escrow, then 20% released, then 11 month escrow, then 20% released every 3 months
Liquidity	15%	15,000,000		21% released at TGE, then 10% released 1 month later, then 10% released every 3 months
Foundation Reserve	10%	10,000,000		12 month escrow, then 20% released every 3 months
<b>Total</b>	<b>100%</b>	<b>100,000,000</b>	<b>\$3,220,000</b>	

11. **Token Utilities**

The utilities of XNL tokens include but not limited to the following:

- Exclusive Access (Chronicle Medals)  
 XNL tokens can be staked by each user to acquire Chronicle Medals, which relate to a user’s early and exclusive access to different NFT drops, sales and auction.  
  
 Please refer to the next section for more information on Chronicle Medals.
- Discounts  
 In addition to Chronicle Medals, when users stake XNL tokens in their Chronicle user profile they can be eligible for USD discounts on the Chronicle Store.
- Community Governance  
 Chronicle is built for connecting the brands and the fans so eventually it will be largely community-driven. In the future, users on Chronicle can use XNLs to create and vote for different proposals to guide Chronicle’s development and decisions.
- Rewards & Bonus  
 Together with DeFi partners, Chronicle will launch various DeFi programs where users can take advantage of their XNL tokens to yield extra interests.



- Charity & Carbon Offset  
XNL tokens can be used to donate to approved charity partners and offset carbon emissions.

Please note that all of the utilities above are subject to change as the project goes and will be incorporated into the Chronicle platform gradually in different development stages.

## **12. Token Utility Plus: Chronicle Medals**

Chronicle Medals are Chronicle's native NFTs which are used to certify users' constant support and contribution to the Chronicle ecosystem and community. They are effectively membership tiers, similar to an airline frequent flyers program. They are a unique instrument to drive utility.

By staking different amounts of XNLs for different periods of time, users will be rewarded different rarities of Chronicle Medals (Black, Titanium, Diamond, Gold, Silver, Bronze).

With Chronicle Medals, users can enjoy:

- Early or exclusive access to different NFT drops, sales, and auctions.
- Access to special events and coupons from Chronicle and its partners.
- Exclusive access to limited edition NFTs and physical franchise products.
- Boost rates for DeFi programs.

Note that Chronicle Medals are NFTs that can be listed and traded in the Chronicle Marketplace.

### 13. Roadmap – Key Stages

1. Q1 2021
  - a. Release initial whitepaper, set up community and social media.
  - b. Incorporate the company
  - c. Set up the executive team
2. Q2 2021
  - a. Close seed and private round funding
  - b. Approach brands and secure IPs for product launch
  - c. Set up the marketing, creative, and engineering teams
  - d. Complete product design
3. Q3 2021
  - a. Complete product beta development and testing, including:
    - i. Chronicle Store (NFT drops and auctions)
    - ii. Chronicle Marketplace (secondary sales)
  - b. Complete token generation event on an IDO platform
  - c. List XNL on centralized exchanges
  - d. Initiate XNL staking rewards
  - e. Launch product beta on Web/Desktop
  - f. Complete NFT sales of the launch IPs
  - g. Launch product beta on iOS and Android
4. Q4 2021
  - a. Chronicle Platform v1.0
  - b. Chronicle Medals
  - c. Chronicle Mystery Box
5. Q1 2022
  - a. Chronicle Platform v2.0

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