

HumAI: Music Revolution with Artificial Intelligence and Blockchain

Summary

HumAI is an innovative music streaming platform developed using artificial intelligence and blockchain technologies. HumAI offers amateur and professional musicians the opportunity to create music, compose, publish and sell their works with the help of artificial intelligence. At the same time, it provides a platform for music lovers to discover, listen to and buy music of different genres.

HumAI's vision is to solve problems in the music industry, support musicians' creativity and increase their income, enrich music lovers' experiences and develop music culture. HumAI's mission is to create a decentralized, secure, fair and sustainable music ecosystem using the advantages offered by artificial intelligence and blockchain technologies.

HumAI integrates artificial intelligence and blockchain technologies to bring many innovations to the music industry. HumAI makes the process of making music and composing easier with artificial intelligence, offers musicians a new creativity tool, helps them produce music in different styles. HumAI creates a smart contract for each work with blockchain technology, protects the ownership of works, manages copyrights, provides revenue sharing. HumAI also creates an NFT (non-fungible token) for each work, making works digitally unique and scarce, increasing the value of works and facilitating their trading.

HumAI is an open marketplace for amateur and professional musicians. Artists can upload their music to the platform for sale, making it accessible to other musicians and music lovers. A community is created with the participation of both amateur and professional artists on the platform and a user base that closely follows developments in this field emerges.

HumAI is also a discovery platform for music lovers. All kinds of music genres are available on the platform. Music lovers can search for music in their desired genre, listen to it and buy it. They can also receive personalized music recommendations and services with artificial intelligence. HumAI offers music lovers the opportunity to discover and listen to new and interesting music.

HumAI is designed as a mobile application. Music lovers can listen to music anytime and anywhere. Applications have been developed for both iOS and Android. HumAI also has a website.

HumAI is ready to create a revolution in the music industry with artificial intelligence and blockchain technologies. In this whitepaper, we will present the technical details of HumAI, its implementation stages, its economic model and its value proposition. We invite everyone who wants to join or support HumAI to read this whitepaper carefully.

Introduction

Music has played an important role throughout human history. Music has helped people express their emotions, communicate, reflect their culture and be a part of society. Music is also an art form, a source of entertainment and an economic activity.

The music industry has undergone a major transformation in the last century with technological developments. The ability to record and listen to music has increased with different formats such as vinyl records, cassettes, CDs, and MP3s. The ability to broadcast and access music through different channels such as radio, television, and the internet has increased. Music streaming and subscription opportunities have developed with different platforms such as Spotify, Apple Music, and YouTube Music.

These developments have brought many benefits to the music industry. Some of these are that musicians can reach their works to wider audiences, music lovers can obtain more options and convenience, and the music industry has become a larger market.

However, these developments have also created many problems in the music industry. There are serious difficulties in issues such as protecting the copyrights of musicians' works, ensuring fair revenue sharing, and encouraging creativity. Music lovers also face problems such as a decline in music quality, difficulty in discovering music, and degeneration of music culture.

To solve these problems, a new revolution is needed in the music industry. This revolution can be achieved by bringing artificial intelligence and blockchain technologies together. Artificial intelligence can facilitate the process of making music and composing, offer musicians a new creativity tool, produce music in different styles, provide music recommendations and personalization services. Blockchain technology can create a smart contract for each work, protect the ownership of works, manage copyrights, provide revenue sharing, create an NFT for each work, ensure that works are digitally unique and scarce, facilitate the trading of works.

HumAI is a project aimed at achieving this revolution. HumAI is an innovative music streaming platform developed using artificial intelligence and blockchain technologies. HumAI offers amateur and professional musicians the opportunity to create music, compose, publish and sell their works with the help of artificial intelligence. At the same time, it provides a platform for music lovers to discover, listen to and buy music of different genres.

In this whitepaper, we will present the technical details of HumAI, its implementation stages, its economic model and its value proposition. We invite everyone who wants to join or support HumAI to read this whitepaper carefully.

Technology

HumAI is a music streaming platform developed using artificial intelligence and blockchain technologies. HumAI integrates these technologies to bring many innovations to the music industry. In this section, we will explain the technical details, architecture and infrastructure of HumAI.

Artificial Intelligence

HumAI uses artificial intelligence technology in the process of making music and composing. HumAI offers amateur and professional musicians the opportunity to create music, compose, publish and sell their works with the help of artificial intelligence. HumAI also provides music recommendations and personalization services to music lovers with artificial intelligence.

HumAI's artificial intelligence modules are:

- **Music Production:** This module helps musicians produce music in different styles. Musicians can use this module to create a piece of music in their desired genre, key, tempo and duration. This module learns from existing music data using deep learning algorithms and produces new music. This module also allows musicians to define and customize their own music styles.
- **Composing:** This module helps musicians improve their compositions with artificial intelligence. Musicians can enter their own melodies, chords, rhythms or lyrics and this module can complete or improve their compositions accordingly. This module uses music theory and natural language processing algorithms to ensure that compositions are harmonious, meaningful and creative.

- **Music Publishing:** This module helps musicians upload their created music to the platform for sale. Musicians can enter the name, genre, description, price and other information of their music through this module and publish their music on the platform. This module also automatically optimizes the quality and format of the music and ensures that it reaches listeners.
- **Music Recommendations:** This module provides music recommendations to music lovers with artificial intelligence. Music lovers can discover music that suits their tastes, moods, interests and listening history through this module. This module analyzes the preferences of music lovers using collaborative filtering and content-based filtering algorithms and recommends the most suitable music for them.
- **Personalization:** This module provides personalization services to music lovers with artificial intelligence. Music lovers can create their own music profiles through this module, rate their music, comment on it, share it and add it to their favorites. This module also allows music lovers to create and manage their own playlists.

Blockchain

HumAI creates a smart contract for each work with blockchain technology, protects the ownership of works, manages copyrights, provides revenue sharing. HumAI also creates an NFT (non-fungible token) for each work, making works digitally unique and scarce, increasing the value of works and facilitating their trading.

HumAI's blockchain modules are:

- **Smart Contract:** This module creates a smart contract for each work. The smart contract specifies the owner of the work, its copyrights, its price and other conditions. The smart contract also ensures that the revenue from the sale of the work is distributed fairly. The smart contract runs on the Ethereum network and operates securely, transparently and automatically.
- **NFT:** This module creates an NFT (non-fungible token) for each work. NFT ensures that the work is digitally unique and scarce. NFT records the identity, ownership and history of the work. NFT also increases the value of the work and facilitates its trading. NFT is designed in accordance with the ERC-721 standard and operates on the Ethereum network.

Implementation

HumAI is a music streaming platform developed using artificial intelligence and blockchain technologies. HumAI has set a four-stage implementation plan for the development of the project. In this section, we will present HumAI's implementation stages, timeline and roadmap.

Stage 1: Music Player Application (Android and iOS) and Website

At this stage, HumAI's basic infrastructure and interface will be developed. HumAI is designed as a mobile application. Music lovers can listen to music anytime and anywhere. Applications will be developed for both iOS and Android. HumAI will also have a website.

HumAI's music player application and website will offer the following features:

- **Music Library:** HumAI will host all kinds of music genres on its platform. Music lovers can search for music in their desired genre, listen to it and buy it. HumAI will also allow amateur and professional musicians to upload their works to the platform for sale.
- **Music Recommendations:** HumAI will provide music recommendations to music lovers with artificial intelligence. Music lovers will be able to discover music that suits their tastes, moods, interests and listening history.
- **Personalization:** HumAI will provide personalization services to music lovers with artificial intelligence. Music lovers will be able to create their own music profiles, rate their music, comment on it, share it and add it to their favorites. They will also be able to create and manage their own playlists.

The duration of this stage is planned as 2 months.

Stage 2: Create Music with AI and API Assistance

At this stage, HumAI's artificial intelligence modules will be developed. HumAI will use artificial intelligence technology in the process of making music and composing. HumAI will offer amateur and professional musicians the opportunity to create music, compose, publish and sell their works with the help of artificial intelligence.

HumAI's artificial intelligence modules are:

- **Music Production:** This module will help musicians produce music in different styles. Musicians will be able to use this module to create a piece of music in

their desired genre, key, tempo and duration. This module will learn from existing music data using deep learning algorithms and produce new music. This module will also allow musicians to define and customize their own music styles.

- **Composing:** This module will help musicians improve their compositions with artificial intelligence. Musicians will be able to enter their own melodies, chords, rhythms or lyrics and this module can complete or improve their compositions accordingly. This module will use music theory and natural language processing algorithms to ensure that compositions are harmonious, meaningful and creative.

The duration of this stage is planned as 1.5 months.

Stage 3: NFT Mining Service for Created Music

At this stage, HumAI's blockchain modules will be developed. HumAI will create a smart contract for each work with blockchain technology, protect the ownership of works, manage copyrights, provide revenue sharing. HumAI will also create an NFT (non-fungible token) for each work, making works digitally unique and scarce, increasing the value of works and facilitating their trading.

HumAI's blockchain modules are:

- **Smart Contract:** This module will create a smart contract for each work. The smart contract will specify the owner of the work, its copyrights, its price and other conditions. The smart contract will also ensure that the revenue from the sale of the work is distributed fairly. The smart contract will run on the Ethereum network and operate securely, transparently and automatically.
- **NFT:** This module will create an NFT (non-fungible token) for each work. NFT will ensure that the work is digitally unique and scarce. NFT will record the identity, ownership and history of the work. NFT will also increase the value of the work and facilitate its trading. NFT will be designed in accordance with the ERC-721 standard and operate on the Ethereum network.

The duration of this stage is planned as 1.5 months.

Stage 4: NFT Platform

At this stage, HumAI's NFT platform will be developed. HumAI's NFT platform will allow musicians and music lovers to manage, display and trade the NFTs they create or purchase.

HumAI's NFT platform will offer the following features:

- **NFT Collection:** HumAI will host NFT collections of all kinds of music genres on its platform. Music lovers can search for NFTs of music in their desired genre, review them, buy or sell them. HumAI will also allow amateur and professional musicians to upload NFTs of their created music to the platform for sale.
- **NFT Gallery:** HumAI will allow musicians and music lovers to create and manage their own NFT galleries. Musicians and music lovers will be able to display their own NFTs or purchased NFTs in their galleries, comment on them, share them and add them to their favorites. They will also be able to visit other users' NFT galleries, like and follow them.
- **NFT Market:** HumAI will provide a marketplace for musicians and music lovers to buy and sell NFTs. Musicians and music lovers will be able to list the NFTs they want on the platform, set a price, receive offers and accept them. They will also be able to search for the NFTs they want on the platform, make offers and buy them.

The duration of this stage is planned as 2 months.

Economy

HumAI is a music streaming platform developed using artificial intelligence and blockchain technologies. HumAI has established an economic model for the sustainability and profitability of the project. In this section, we will present HumAI's economic model, revenue sources and cost analysis.

Economic Model

HumAI's economic model is based on the platform's own token, HUMAI. HUMAI is designed in accordance with the ERC-20 standard and operates on the CRC network. HUMAI also supports the BSC network and can operate on this network as well. HUMAI is the platform's primary value carrier and is used in all of the platform's economic activities.

The total supply of HUMAI is 500 million. The distribution of HUMAI is as follows:

- 40% (200 million) of HUMAI will be used for the development of the platform. These HUMAI will be awarded to the platform's developers, advisors, partners and supporters.
- 30% (150 million) of HUMAI will be distributed to the platform's users as an incentive. These HUMAI will be given to musicians and music lovers who participate in the platform in exchange for activities such as producing music, composing, publishing, selling, buying, listening, recommending, commenting and sharing on the platform.
- 20% (100 million) of HUMAI will be allocated to the platform's reserve fund. These HUMAI will be used to ensure the security, stability and liquidity of the platform. These HUMAI will also be used to finance new projects for the development and improvement of the platform.
- 10% (50 million) of HUMAI will be allocated to the founders and team members of the platform. These HUMAI will be awarded as a reward for their efforts and contributions during the establishment phase of the platform.

The value of HUMAI will be determined by the usage and demand of the platform. As the number of users and volume of activity on the platform increases, so will the value of HUMAI. The increase in value of HUMAI will contribute to the economic growth and sustainability of the platform.

Revenue Sources

HumAI's revenue sources are as follows:

- **Music Sales:** HumAI will take a commission on the revenue generated from music sales on its platform. Musicians will upload their created music to the platform for sale and pay 10% of their sales revenue to HumAI. HumAI will use some of this revenue for the development and operation of the platform and distribute some of it as an incentive to the platform's users.
- **Music Subscription:** HumAI will offer a music subscription service on its platform. Music lovers will pay a monthly or annual fee to listen to unlimited music on the platform. HumAI will use some of this revenue for the development and operation of the platform and distribute some of it as an incentive to the platform's users.
- **NFT Sales:** HumAI will take a commission on the revenue generated from NFT sales on its platform. Musicians will upload NFTs of their created music to the platform for sale and pay 10% of their sales revenue to HumAI. HumAI will use some of this revenue for the development and operation of the platform and distribute some of it as an incentive to the platform's users.

Cost Analysis

HumAI's costs are as follows:

- **Development Cost:** HumAI will use HUMAI tokens for the development of its platform. HumAI will award HUMAI tokens to its developers, advisors, partners and supporters. HumAI will also use HUMAI tokens to finance new projects for the development and improvement of its platform.
- **Operating Cost:** HumAI will use HUMAI tokens for the operation of its platform. HumAI will keep HUMAI tokens in its reserve fund to ensure the security, stability and liquidity of its platform. HumAI will also distribute HUMAI tokens as an incentive to its users.

Conclusion

HumAI is an innovative music streaming platform developed using artificial intelligence and blockchain technologies. HumAI offers amateur and professional musicians the opportunity to create music, compose, publish and sell their works with the help of artificial intelligence. It also provides a platform for music lovers to discover, listen to and buy different types of music.

HumAI's vision is to solve problems in the music industry, support musicians' creativity and increase their income, enrich music lovers' experiences and develop music culture. HumAI's mission is to create a decentralized, secure, fair and sustainable music ecosystem using the advantages offered by artificial intelligence and blockchain technologies.

HumAI integrates artificial intelligence and blockchain technologies to bring many innovations to the music industry. HumAI facilitates music making and composing processes with artificial intelligence, offers musicians a new creativity tool, helps them produce different styles of music. HumAI creates a smart contract for each work with blockchain technology, protects the ownership of works, manages copyrights, provides revenue sharing. HumAI also creates an NFT (non-fungible token) for each work, making works digitally unique and scarce, increasing their value and facilitating their trading.

HumAI has set a four-stage implementation plan for the development of its project. HumAI has established an economic model for the sustainability and profitability of

its project. HumAI is built on its own token, HUMAI. HUMAI is the primary value carrier of the platform and is used in all economic activities of the platform.

HumAI is ready to create a revolution in the music industry with artificial intelligence and blockchain technologies. We invite everyone who wants to join or support HumAI to carefully read this whitepaper. Join the music revolution with HumAI!