Valyou X Website Documentation

This documentation provides a page-by-page overview of the Valyou X website from a developer's perspective. It includes a brief description of each page's purpose and functionality, along with corresponding links to access the pages. The documentation serves as a comprehensive guide for developers to understand the website structure and navigate through different sections efficiently.

<u>Valyou X User Platform Journey:</u>

1. **Landing Page:**
   - The landing page serves as the entry point for users, providing them with an enticing overview of the Valyou X platform and its key features. It offers a glimpse into the world of Valyou X Blockchain and invites users to explore further.
   - Link: <u>Visit Landing Page</u>

2. **Token Presale:**
   - The Token Presale page is dedicated to providing detailed information about Valyou X and its token sale. Users can learn about the token economics, pricing strategies, and token distribution plans. It serves as a comprehensive guide for potential investors.
   - Link: <u>Visit Token Presale Page</u>

3. **Sign Up:**

○ The Sign Up page is where new users can create their Valyou X accounts. It guides them through the registration process, ensuring a smooth onboarding experience. If users don't have an existing account, they will be redirected to the investor account creation process.

○ Link: <u>Visit Sign Up Page</u>

4. **Login:**

○ The Login page allows existing users to access their investor profiles by entering their credentials. Unauthorized users will be prompted to log in or create an account to gain access to protected pages and personalized features.

○ Link: <u>Visit Login Page</u>

5. **Investor:**

○ The Investor page serves as the central hub for users after they log in. It provides them with comprehensive information about their investor account, including their name, account type, portfolio summary, transaction history, and investment performance. Users can explore different tabs to access specific information and manage their investments effectively.

○ Link: <u>Visit Investor Page</u>

6. **Market:**

○ The Market page showcases a list of top artist market stocks and tracks their price changes in real-time. Investors can analyze stock performance, research artists, and make informed investment decisions. The page offers valuable insights and tools for investors to stay updated on the latest market trends.

- Link: <u>Visit Market Page</u>

7. **Social Media:**
   - The Social Media page replicates the familiar experience of a social media feed. Users can enjoy an endless scroll through trending videos, engaging with content from artists and fellow users. It provides a platform for users to discover new talent and interact within the Valyou X community.
   - Link: <u>Visit Social Media Page</u>

8. **Watch & Earn:**
   - The Watch & Earn page offers users the opportunity to watch videos and earn rewards. It features different categories, including pay-per-view, watch & earn, Valyou playlist, promoted videos, and promoted audios. Users can watch captivating content while accumulating rewards.
   - Link: <u>Visit Watch & Earn Page</u>

9. **Listen & Earn:**
   - The Listen & Earn page enables users to listen to artists' songs and earn rewards. It presents various categories, allowing users to explore music based on their preferences. By listening to songs, users can earn rewards and support their favorite artists.
   - Link: <u>Visit Listen & Earn Page</u>

10. **Store:**

- The Store page showcases a wide range of Valyou X products available for purchase. Users can browse through merchandise, exclusive items, and digital products. It offers a seamless shopping experience within the Valyou X platform.
- Link: Visit Store Page

11. Search Functionality:

- The Search Functionality empowers users to search for any artist within the Valyou X platform. By entering an artist's name or related keywords, users can access artist profiles, explore their content, and engage with their community.

12. Wallet:

- The Wallet page provides users with an overview of their banking information within the Valyou X platform. It displays their platform currency balance, Valyou X tokens, investments, artist funds, business funds, and more. Users can perform various transactions, including deposits, sending/receiving funds, accessing tokens, and conducting exchanges.
- Link: Visit Wallet Page

13. Chat System:

- The Chat System enables users to communicate with each other through messaging. It facilitates seamless conversations, allowing users to connect, share ideas, collaborate, and build relationships within the Valyou X community.
- Link: Visit Messaging Page

14. Account Switch:

- The Account Switch feature allows users to switch between different profiles within Valyou X. Users can create three types of accounts (investor, business, and artist) and switch between them as needed, ensuring flexibility and easy navigation.

15. Artist Profile:

- By clicking on an artist from the account switch modal, users will be redirected to the artist's profile page. The Artist Profile page provides comprehensive information about the artist, including their stock price, audios, videos, posts, followers, following, revenue, and more. Users can engage with the artist's content, support their work, and stay updated on their latest releases.
- Link: Visit Artist Page

16. Create Artist Page:

- The Create Artist page guides users through the process of creating their artist accounts within Valyou X. It offers step-by-step instructions and collects necessary information to set up a complete artist profile.
- Link: Visit Create Artist Page

17. Create Business Page:

- The Create Business page enables users to create their business accounts within Valyou X. It provides a streamlined process for setting up a business profile, including relevant details and customization options.
- Link: Visit Create Business Page

18. Video Detail Page:

- The Video Detail page offers users a detailed view of a particular video by an artist. Users can engage with the video by commenting, replying to comments, promoting the video, valuing the song, and exploring brand sponsors associated with the video.
- Link: Visit Video Detail Page

19. Audio Detail:

- The Audio Detail page allows users to listen to a specific audio track by an artist. Users can interact with the audio by commenting, valuing the song, promoting the audio, and accessing additional functionalities similar to the Video Detail page.
- Link: Visit Audio Detail Page

20. Bidding Page:

- On the Bidding page, users can place bids on specific artists. The process involves choosing a region, country, or city for the bid, uploading a brand logo, setting the bid amount, and placing the bid to secure the opportunity of becoming a brand sponsor.
- Link: Visit Bidding Page

21. View Brand Sponsors:

- The View Brand Sponsors page allows users to search for brand sponsors based on location. Users can select the country, region, or city and access a list of brand sponsors associated with that area. This feature facilitates partnerships and collaborations between artists and brand sponsors.

      ○   Link: <u>Visit View Brand Sponsors Page</u>

Please note that some pages may require user authentication or specific user interactions to access. Therefore, it is recommended to create an account first to unlock the full potential of the Valyou X platform and access protected pages.

Valyou X Features & Functionalities:

Now, let's delve into the detailed features and functionalities of the Valyou X platform:

1. **User Role Management System:**
   - Description: The User Role Management system allows users to have multiple account types simultaneously and switch between them seamlessly. This feature enhances user flexibility by eliminating the need to log out and log back in when accessing different accounts.
   - Account Types:
     - Investor Account: This is the default profile account provided to every registered user.
     - Artist Account: Reserved for artists, this account type enables artists to update, upload content, and manage their businesses using their personalized dashboard options.
     - Business Account: Exclusively designed for freelancers, music producers, video directors, designers, website developers, models, songwriters, and similar professionals, the Business Account allows businesses to connect and engage with artist brands. Artists can book services from various professionals and conveniently make payments through the platform's fund management account.

■ Admin Account: This account type is exclusively accessible to the platform's administrative team. It empowers administrators to manage and oversee the entire platform, ensuring user support and maintaining data privacy. Normal users do not have access to the Admin Account, ensuring the security of sensitive platform statistics and user data.

Now, moving beyond the user roles, let's explore additional features of the Valyou X platform:

1. **Wallet Balance Feature:**
   ○ Description: The Wallet Balance feature provides users with a quick view of their account balance without leaving the current page. This allows users to keep track of their financial status conveniently.

2. **Messages and Notifications Feature:**
   ○ Description: The Messages and Notifications feature enables users to access their messages and notifications in a unified interface. This consolidated view helps users stay updated with important communications without the need to navigate to multiple pages.

3. **Profile Image Icon:**
   ○ Description: The Profile Image Icon serves as a direct link to the user's profile account dashboard. Each account type is associated with a distinct profile picture, providing visual cues for easy identification and navigation.

4. **Burger Menu Options:**
   ○ Description: The Burger Menu icon expands to reveal additional user options. These options may include general user settings and preferences. Furthermore, the sidebar options within the expanded menu will vary depending on the user's account type, providing context-specific functionalities and controls.

Now, let's take a closer look at the specific options that appear for each account type:

● **Investor Account:**
   ○ Options: Account Info, Investment Portfolio, Transactions, Preferences

- **Artist Account:**
    - Options: Profile Management, Content Upload, Revenue Tracking, Analytics
- **Business Account:**
    - Options: Services Marketplace, Booking Management, Payments, Reviews & Ratings
- **Admin Account:**
    - Options: User Management, Content Moderation, Platform Statistics, Support & Assistance

These account-specific options streamline the user experience and tailor the available functionalities to the specific needs and roles of each user.

Overall, the Valyou X platform offers a comprehensive set of features and functionalities designed to enhance user engagement, convenience, and control. The user role management system ensures seamless account switching, while distinct features like the Wallet Balance, Messages and Notifications, Profile Image Icon, and Burger Menu Options enhance user interaction and navigation. Additionally, each account type comes with specific options and functionalities to cater to the diverse needs of investors, artists, businesses, and administrators, empowering them to make the most of the platform's capabilities

Menu Options

This table outlines the various menu options available to all users on the Valyou X platform, along with a brief description of their functionalities.

Option	Functionality
Artist (Follow count)	Allows investors to see all the artists following them and the music artist brands they are currently following.
Investor (Follower	Enables investors to view other investors following them and the

count)	investors they are following.
Business (Follower count)	Provides investors with information on other businesses following them.
Investments or Portfolio	Allows investors to see all the artists they have invested in and the total value of their current investment portfolio.
Sign / Invest in Music Artists	Enables investors to expedite the process of an artist launching their brand and listing on Valyou X. Investors can purchase a basic artist start-up package, which includes the artist's brand registration and funds establishment fee. In return, investors receive discounted NFT stocks, talent discovery bragging rights (such as artist discovery badges or stars).
Listen & Earn	Offers investors two options for listening to music: pay per stream or get paid for listening to music promoted directly to them by the artist brand or brand sponsors.
Watch & Earn	Provides an experience similar to YouTube, where viewers can watch artist videos and earn money when they watch videos promoted directly to them.
Search	Enables investors to search for other user accounts by their name or username.

Artist (Dashboard Features)

This table outlines the various tabs available on the Valyou X platform for artist, along with a description of their functionalities. Users can navigate through these tabs to access specific features and information related to artists, their content, revenue, collaborations, and more.

Tab	Functionality
Stock	Investors can access this feature to view specific information on an artist's stock price, market value, circulating supply, and the availability of NFT stocks at the present price.
Audio	Investors can explore this feature to discover and listen to audio tracks uploaded by a particular artist.
Video	This feature allows investors to access and watch video tracks uploaded by a specific artist.
About	Artists can utilize this feature to publish their biographies, providing investors with more information about their background and artistic journey.
Posts	Artists and investor visitors can access this feature to view only the artist's posts, which may include updates, announcements, and behind-the-scenes content.
Followings	Artists can view the accounts of other artists they are following, as well as the artists they are following in return.
Followers	This feature allows artists to see which business accounts are following them and to follow businesses that follow them back.
Revenue Streams	Artists can access this section to gain insights into all the revenue streams associated with their brand. It outlines various ways they earn money, contributing to the value of their stock price.
Collaborate	Artists can utilize this feature to communicate their collaboration fees and revenue sharing percentage with other artists, providing opportunities for creative partnerships.

Business (Dashboard Features)

This table outlines the various tabs available for businesses on the Valyou X platform, along with a description of their functionalities. Businesses can utilize these features to network, showcase their services, manage ongoing projects, gather feedback, handle financial transactions, and control their artist brand sponsorship advertising.

Tab	Functionality
Following	Businesses can access this feature to see which other business accounts, as well as investor and artist accounts, are following them. This promotes networking and allows businesses to track their audience and connections.
Services you provide	This feature allows freelancers and businesses to list the services they provide. It provides a platform for showcasing their skills and expertise, allowing potential clients to explore and engage with their offerings.
Order in progress	Freelancers can utilize this feature to keep track of their current jobs or projects in progress. It provides a centralized place to monitor and manage ongoing work, ensuring efficient communication and workflow between freelancers and clients.
Reviews of Freelancer	Artists can utilize this feature to rate and provide feedback on freelancers they have worked with. It enables artists to share their experiences, highlighting the quality of service and professionalism

	of freelancers, which can help other artists make informed decisions when choosing a freelancer.
Bank	This feature enables freelancers to access their bank functionality on the platform. They can check their entire transaction history, including deposits, withdrawals, and other financial activities. Additionally, they can send and receive VXD, the internal currency of the Valyou X platform.
Ads	Businesses can access this feature to see and manage their artist brand sponsorship advertising. It allows businesses to monitor and control their advertising campaigns, including selecting target artists, managing ad content, and analyzing campaign performance.

Admin (Dashboard Features)

Tab	Functionality
Users	This feature allows the admin to view and access information about all users on the platform. It provides an overview of the user base, including artists, investors, and businesses. The admin can manage user accounts and perform administrative tasks.
Settings	The admin has access to the settings tab, which enables them to configure financial parameters and transaction fees. They can set and modify various financial aspects of the platform to ensure

	smooth operations and align with the platform's business strategies.
Media	In the media tab, the admin can view and manage all uploaded videos, audios, and advertising content. They have the authority to edit or delete media files as necessary. This allows the admin to maintain the quality and integrity of the content available on the platform.
All Audios	The admin can manage all uploaded audio tracks on the platform. They have the capability to edit or delete audio files as needed. This ensures that the audio content on the platform remains relevant, high-quality, and aligned with the platform's standards.
All Videos	Similarly, the admin can manage all uploaded video tracks on the platform. They can edit or delete video files as required. This functionality ensures that the video content on the platform is curated, relevant, and meets the platform's content guidelines.

These tabs and functionalities provide the admin with comprehensive control and oversight over the platform's user base, financial settings, media content, and uploaded audios and videos. The admin can manage user accounts, configure financial parameters, curate media content, and ensure the platform's integrity and quality standards are maintained.

Valyou X offers several general features that enhance the user experience and provide additional functionalities to all users. Let's dive into these features in more detail:

1. **Video/Audio Pay per View:** Valyou X users have the opportunity to earn money simply by watching or listening to trending content created by artists. This feature allows users to explore a variety of music genres and moods, and they can earn money while enjoying their favorite songs. Additionally, users can earn rewards when they listen to specific songs promoted by artist brands.

Here's an elaboration of the process:

1. **User Interaction:** Let's consider a scenario where a music fan wants to watch a music video on Valyou X's pay-per-view site.
2. **Payment:** The music fan is required to make a payment of 3 cents to access and watch the music video. This payment contributes to the revenue generated by the platform.
3. **Revenue Distribution:** Upon receiving the payment, the revenue is distributed among various stakeholders involved in the process.
   - Admin Account: The admin account receives 20% of the 3 cents as a part of the revenue sharing model. This ensures that the platform receives a portion of the earnings.
   - Artist Company: The remaining balance of the payment is allocated to the artist company. This allows the artist company to benefit financially from their content.
4. **Artist's Personal Account:** From the revenue received by the artist company, a certain percentage is transferred to the artist's personal account. This enables the artist to earn income from their content and performances.
5. **Music Fan Stakeholders:** In addition to the artist's personal account, the artist company also pays a certain percentage of the revenue to the music fan stakeholders who have invested in the artist. This creates a mutually beneficial relationship between the artist and their dedicated fans, allowing fans to earn a share of the artist's success.

By implementing this revenue distribution model, Valyou X provides a platform where users can not only enjoy music but also have the opportunity to earn rewards and actively participate in the success of their favorite artists.

2. **Connect:** Valyou X provides a powerful networking feature that allows artists and businesses to connect with each other. It acts as a marketplace where freelancers and businesses can find relevant services and collaborate on projects. This feature facilitates team building, fosters collaborations, and promotes a thriving ecosystem within the

platform.

3. **Create Artist and Business Accounts:** Valyou X enables users to create artist and business accounts easily. Artists can showcase their talents, upload their creative content, and list their stocks on the platform's market. On the other hand, businesses can establish their presence, promote their services, and engage with artists. These accounts provide a dedicated space for artists and businesses to manage their profiles and interact with the Valyou X community.

4. **Share and Invite People:** Valyou X encourages users to share and promote the platform by providing a referral and invitation system. Any user can share their unique invite link with others, inviting them to join Valyou X. This feature not only helps in spreading awareness about the platform but also provides users with the opportunity to earn incentives or rewards for successful referrals.

5. **ID Verification:** Valyou X prioritizes security and user trust by offering ID verification. Users can verify their identity through Know Your Customer (KYC) compliance. This verification process ensures the authenticity and credibility of user profiles. Valyou X may utilize third-party APIs to implement a secure and reliable ID verification system.

6. **Two-Factor Authentication:** To enhance account security, Valyou X implements two-factor authentication. This feature adds an extra layer of protection by requiring users to confirm their login attempts, authorize certain actions, or validate transactions using a second factor such as a unique verification code sent to their registered mobile device or email. This significantly reduces the risk of unauthorized access and provides users with peace of mind.

7. **Support & Services:** Valyou X values user feedback and actively seeks ways to improve the platform. The support and services feature allows users to provide feedback, suggest

improvements, or recommend additional features they would like to see on the platform. This open channel of communication ensures that Valyou X can continually evolve to meet the needs and expectations of its user base.

These general features are designed to enrich the user experience on Valyou X, promote engagement, foster connections between artists and businesses, and maintain a secure and user-friendly environment for all users.

Valyou X Bank/Wallet System:

Valyou X offers a comprehensive bank/wallet system that provides users with detailed information about their transactions, account balance, and Valyou X tokens. This feature ensures transparency and convenient management of funds within the platform. The wallet section is tailored to the specific needs of both admin and normal users, offering a range of features and functionalities.

1. **Account Balance:**

Users can effortlessly view their total balance, which includes the sum of all their transaction history. This feature provides a clear overview of the financial status within the Valyou X platform.

2. **Personal (Transaction History):**

The personal transaction history feature allows users to access a detailed breakdown of their transactions. It provides information on deposits, withdrawals, purchases, and sales made with the personal wallet. Users can track their financial activities and gain insights into their transactional history.

3. **Send / Withdraw / Receive / (Buy / Sell VXD):**

Valyou X enables users to engage in various financial activities directly from their wallet. They can easily send, receive, buy, and sell Valyou X tokens (VXD) using the funds available in their personal wallet. This feature facilitates seamless transactions and enhances the user experience.

4. **Artist Funds (Transaction History):**

For artist accounts, the wallet includes a dedicated section for artist funds. This feature ensures efficient management, distribution, and expenditure of investor funds. Artists can allocate specific percentages to their budget and track the transaction history related to their artist funds. However, artists are restricted from withdrawing invested funds from the Valyou X app, except for payments to freelancers and business accounts. They can only withdraw living expenses and a percentage of the brand's profits, which is automatically transferred to their personal wallet.

5. **Access Token:**

The wallet page also provides users with an access token, granting them secure access to specific pages and functionalities within the Valyou X platform. By clicking on the corresponding buttons, users can navigate to relevant pages to view their transaction history for each type of transaction.

Wallet Information for Users:

In the wallet page, users will find the following information:

1. Valyou X Dollars - Platform Currency: This section displays the user's balance in Valyou X dollars, which is the official currency of the Valyou X platform.
2. Valyou X Access Tokens: Users can monitor their access tokens, which are used to unlock premium features, exclusive content, or participate in specific activities within the platform.
3. Valyou X Investments: This section provides a summary of the user's investments in stocks. Users can track the performance and value of their investments.

4. Artist Funds: Users can view the distribution and utilization of their funds invested in artist stocks. This feature enables artists to effectively manage and spend investor funds, adhering to the allocated budget percentage.

5. Business Funds: This section displays the funds available in the user's business account, allowing them to monitor their financial resources and make informed business decisions.

Wallet Information for Admin:

Admin have access to a comprehensive range of information in the wallet page, including:

- Valyou X Dollar Reserve Currency
- Valyou X Dollar Circulating Supply
- VXD Security Compliance Asset
- Currency Exchange
- Market Cap
- Users Selling Stocks Revenue
- Users Buying Stocks Revenue
- Video Streaming Revenue
- Audio Streaming Revenue
- Products Merchandise Sales Revenue
- User Buying VXD (Fiat/Debit Card) Revenue
- User Selling VXD (Fiat/Debit Card) Revenue
- User Buying VXD (Crypto) Revenue
- User Selling VXD (Crypto) Revenue
- Brand Sponsors Video Advertising Revenue
- Visitors to Brand Sponsors Website
- Brand Logo Sponsoring Artist Revenue
- Artist Promoting their Audio Revenue
- Artist Promoting their Video Revenue
- User Valyou A Song Revenue

Admin have comprehensive insights into user activities and financial data within the Valyou X platform. They can monitor various revenue streams, financial statistics, and user engagement metrics across different categories, including current users, music artists, fans/investors, businesses, and brand sponsors.

The bank/wallet system in Valyou X ensures secure transactions, efficient fund management, and transparent financial operations for both users and administrators.

Valyou X Admin Controls:

In Valyou X, the admin plays a crucial role in maintaining check and balance and configuring settings to ensure smooth operation of the platform. The admin has comprehensive control over various aspects, including money flow, stock prices, and revenue percentage settings. This section highlights the key settings that the admin can manage through the admin panel.

1. **Admin Fee when Buy/Sell Stocks (%):** The admin has the authority to set the percentage of the fee charged when users buy or sell stocks on the platform. This fee contributes to the revenue generated by stock transactions.

2. **Admin Fee When Promoting Audio or Video (%):** The admin can define the percentage of the fee imposed when artists or businesses promote their audio or video content on Valyou X. This fee ensures that the platform receives a portion of the earnings from content promotions.

3. **Audio Streaming Fee (VXD) $:** The admin can configure the fee charged in Valyou X Dollars (VXD) for users who stream audio content on the platform. This fee contributes to the revenue generated through audio streaming services.

4. **Video Streaming Fee (VXD) $:** Similarly, the admin has the flexibility to set the fee for users who stream video content on Valyou X in Valyou X Dollars (VXD). This fee is

essential to monetize video streaming activities.

5. **Admin Fee When Audio Streaming Valyou X (%):** The admin can establish the percentage of the fee applied to users who stream Valyou X audio content. This fee ensures the platform receives a portion of the earnings from Valyou X audio streaming.

6. **Admin Fee When Video Streaming Valyou X (%):** Similarly, the admin can define the percentage of the fee charged when users stream Valyou X video content. This fee contributes to the platform's revenue from Valyou X video streaming services.

7. **Advertisement Fee to Valyou X (%):** The admin has the ability to set the percentage of the fee imposed on advertisements displayed on the Valyou X platform. This fee enables the platform to generate revenue from advertising partnerships.

8. **Supply & Demand Stock Price Increments (VXD):** The admin can configure the increments for stock prices based on the supply and demand dynamics in Valyou X Dollars (VXD). This setting ensures that stock prices align with market conditions.

9. **Market Maker Price (%):** The admin has control over the market maker price percentage, which influences the pricing mechanism for stocks on the platform. This setting helps maintain liquidity and efficient trading.

10. **Sell Limit (%):** The admin can set the percentage of the sell limit, which determines the maximum percentage of stocks that users can sell at once. This control prevents market disruptions and promotes stability.

11. **Conversion Fee USDC to VXD (%):** The admin can define the percentage of the conversion fee applied when users convert USDC (United States Dollar Coin) to Valyou X

Dollars (VXD). This fee covers the cost of the conversion process.

12. **Credit/Debit Card (Valyou X Fee on top of Stripe Charges %):** In cases where users make transactions using credit or debit cards, the admin can specify the additional fee percentage imposed on top of the charges imposed by the Stripe payment gateway. This fee contributes to the platform's revenue.

Through these settings in the admin panel, Valyou X ensures proper control, flexibility, and revenue management. The admin's role is vital in shaping the platform's financial operations and maintaining a balance between user experience and sustainable growth.

Valyou X Platform Schema:

Table: Users

Column	Data Type	Description
user_id	Integer	Unique identifier for each user
username	Varchar(50)	User's username
password	Varchar(50)	User's password (encrypted)
email	Varchar(50)	User's email address
account_type	Varchar(20)	Type of user account (investor, business, artist)

Table: Artist

Column	Data Type	Description

artist_id	Integer	Unique identifier for each artist
user_id	Integer	Foreign key referencing Users table
name	Varchar(50)	Artist's name
description	Text	Description or bio of the artist
website	Varchar(100)	Artist's official website (optional)

Table: Business

Column	Data Type	Description
business_id	Integer	Unique identifier for each business
user_id	Integer	Foreign key referencing Users table
name	Varchar(50)	Business name
description	Text	Description or overview of the business
website	Varchar(100)	Business's official website (optional)

Table: Wallet

Column	Data Type	Description
wallet_id	Integer	Unique identifier for each wallet
user_id	Integer	Foreign key referencing Users table

| account_balance | Decimal(10,2) | Total balance of the user's transactions |

Table: Transactions

Column	Data Type	Description
transaction_id	Integer	Unique identifier for each transaction
user_id	Integer	Foreign key referencing Users table
transaction_type	Varchar(20)	Type of transaction (deposit, withdrawal, purchase, sale, etc.)
amount	Decimal(10,2)	Amount of the transaction
date	Date	Date of the transaction

Table: Stock

Column	Data Type	Description
stock_id	Integer	Unique identifier for each stock
artist_id	Integer	Foreign key referencing Artist table
price	Decimal(10,2)	Current price of the stock
availability	Boolean	Flag indicating if the stock is available for trading

Table: Token

Column	Data Type	Description
token_id	Integer	Unique identifier for each token
user_id	Integer	Foreign key referencing Users table
amount	Decimal(10,2)	Amount of tokens held by the user

Relationships:

- One user can have multiple transactions (one-to-many relationship between Users and Transactions)
- One user can have multiple wallets (one-to-many relationship between Users and Wallet)
- One user can hold multiple tokens (one-to-many relationship between Users and Token)
- One user can be associated with an artist profile (one-to-one relationship between Users and Artist)
- One user can be associated with a business profile (one-to-one relationship between Users and Business)
- One artist can have multiple stocks (one-to-many relationship between Artist and Stock)

Conclusion:

In this comprehensive documentation, we have explored Valyou X, a revolutionary platform that combines blockchain technology, music, and investment opportunities. Valyou X offers a unique ecosystem where users can engage with their favorite artists, invest in their success, and earn rewards through various activities.

We began by understanding the core features of Valyou X, including the landing page, token presale, user registration, and login processes. We delved into the user journey, highlighting key pages such as the investor dashboard, market, social media feed, watch & earn, listen & earn, store, search functionality,

wallet, chat system, and account switching. Each page serves a specific purpose in providing users with a seamless and engaging experience within the platform.

Furthermore, we explored the essential tables in the database schema, including Users, Artist, Business, Wallet, Transactions, Stock, and Token. These tables form the foundation of the platform, enabling user management, artist and business profiles, financial transactions, stock investments, and token holdings.

Additionally, we discussed the Video Pay per View feature, which allows users to earn money by watching or listening to trending content. We provided an example scenario where users spend a nominal amount to watch a music video, and the revenue distribution occurs between the admin, artist company, artist's personal account, and music fan stakeholders.

The documentation also covered the crucial role of the Valyou X admin, who has control over various settings in the platform. The admin can configure fees for stock transactions, content promotions, audio and video streaming, advertising, supply and demand pricing, sell limits, currency conversions, and credit/debit card transactions. These settings empower the admin to maintain financial balance, revenue generation, and user experience optimization.

In conclusion, Valyou X presents an innovative platform that brings together music enthusiasts, investors, and artists in a collaborative ecosystem. Through cutting-edge technology, blockchain integration, and a range of features, Valyou X offers a unique opportunity for users to connect, invest, and earn rewards in the dynamic world of music. With its user-friendly interface and comprehensive admin controls, Valyou X aims to revolutionize the music industry by fostering financial growth, artist development, and an immersive user experience.