

Chaincerts - Token Fractionalization

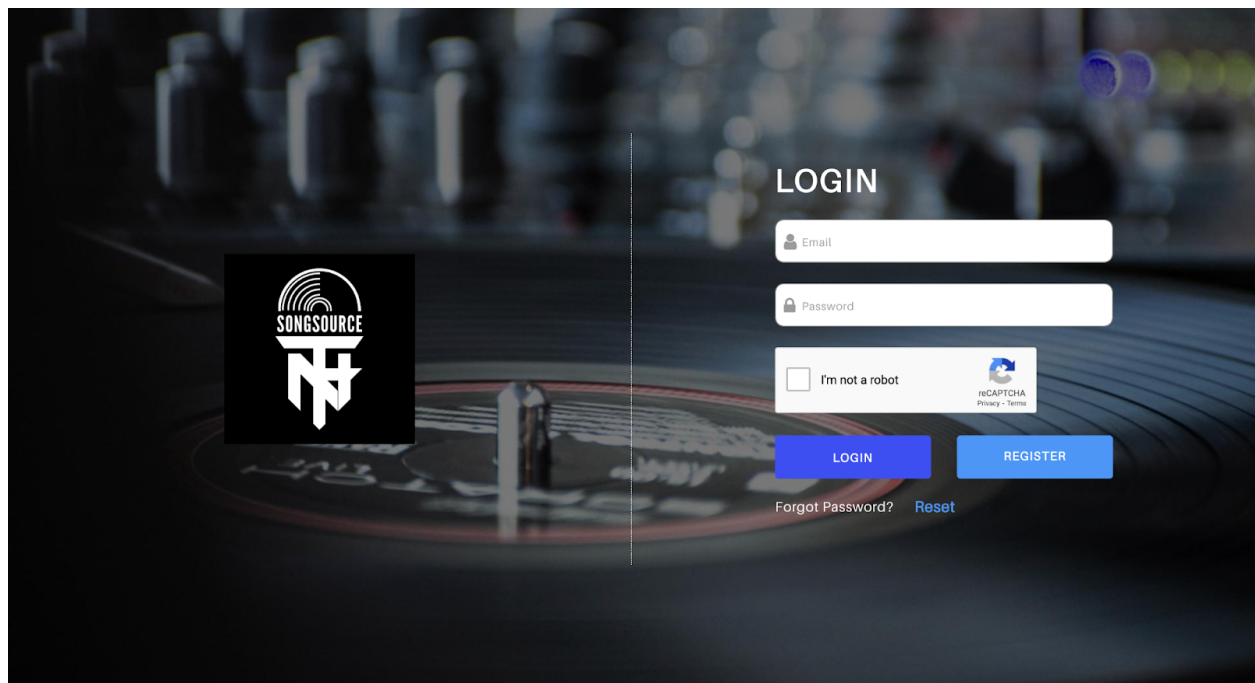
Introduction

A Blockchain-based Web platform that lets you issue certificates and compliance documents that cannot be faked or tampered. This document will give a walkthrough of how a user can fraction an NFT on this platform

Step-by-Step Guide to Using Chaincerts Fractionalization

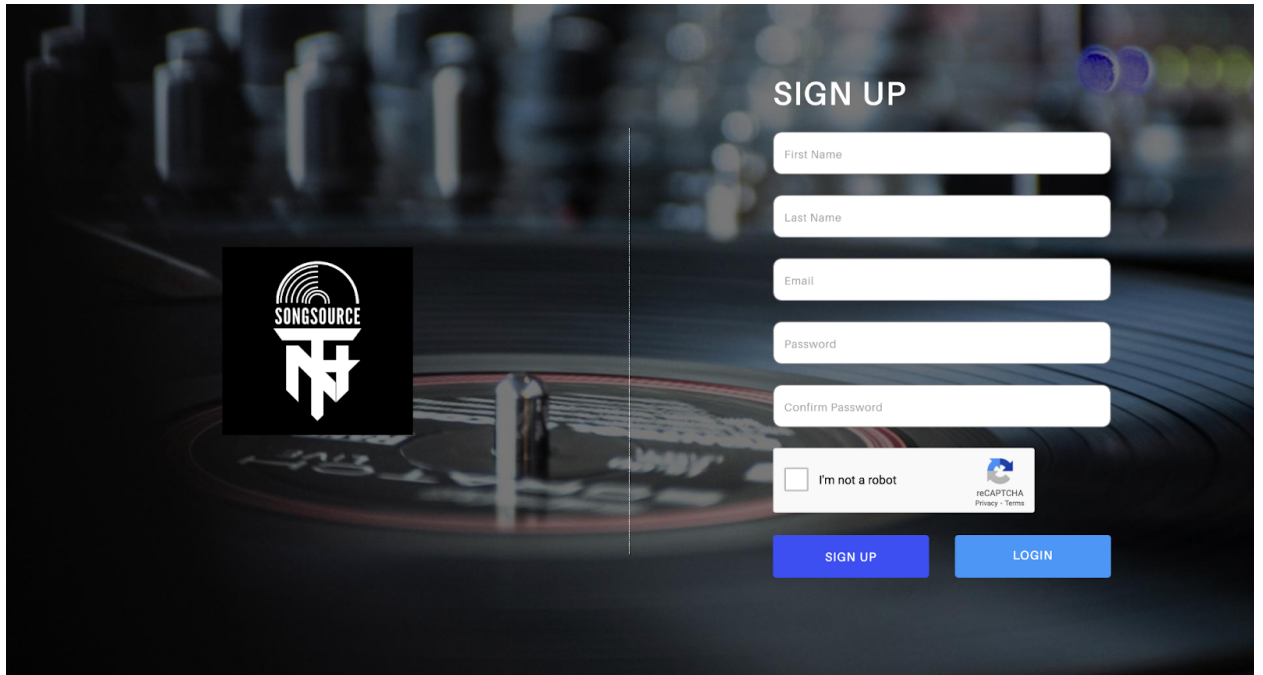
1. Log in as Owner or Client-

Users can log in by using their email and password.



2. Register -

Users can register into Chaincerts using their first name, last name, email, and password.

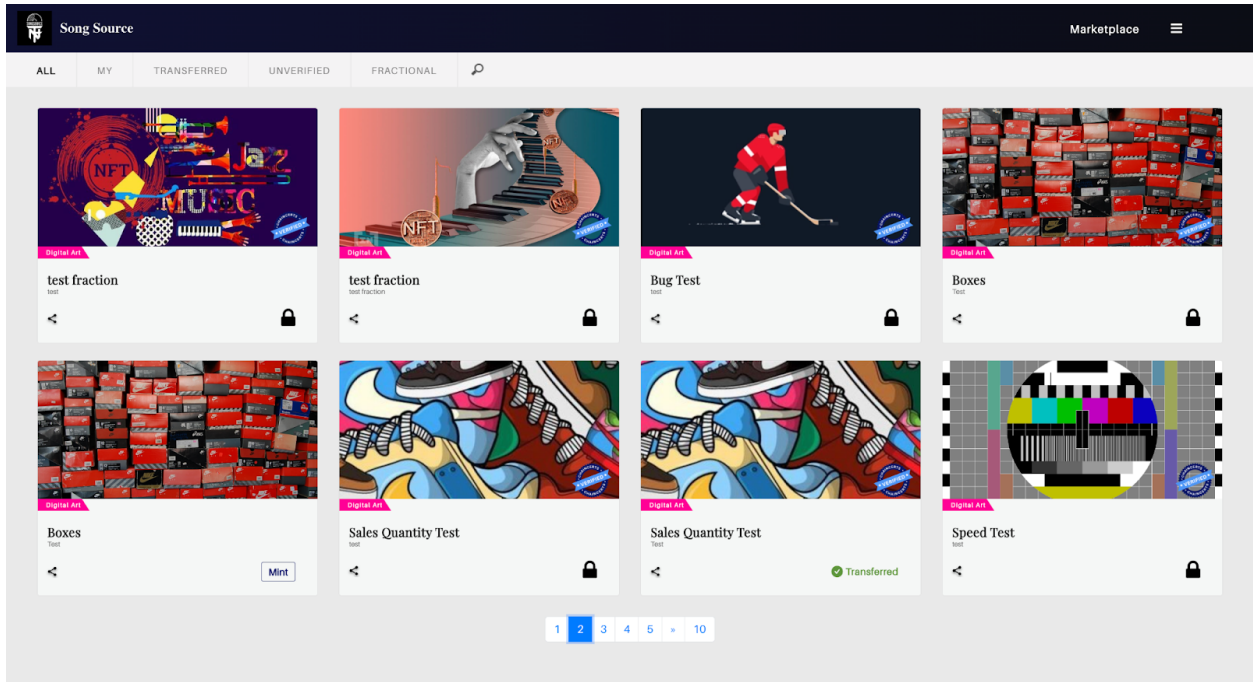


The image shows a registration form titled "SIGN UP" on a dark background with a blurred city skyline. On the left, there is a logo for "SONGSOURCE" featuring a stylized "NS" and a circular graphic. The form on the right contains the following fields and elements:

- First Name
- Last Name
- Email
- Password
- Confirm Password
- I'm not a robot
- reCAPTCHA logo with links for Privacy and Terms
- SIGN UP button
- LOGIN button

3. Dashboard-

Users can see all Nfts created by the owner on the Dashboard screen. Users can filter NFTs, and see the fractions they have made through filter tabs. Users can search the NFT by entering data in the Search Field. Each NFT has details i.e. Nft image, Title, Category, and status of Nft. Users can see all details by clicking on each NFT in the view NFT screen.



4. Create an NFT-

Owners can mint an NFT by providing the Image, Title, Team, description, Type, Production Year, Date Of issue, Valid until, Origin Location, and Quantity.

The screenshot shows the 'CREATE CERTIFICATE' form in the Song Source application. The form is titled 'CREATE CERTIFICATE' and has a 'CLEAR' button and a 'SUBMIT' button. The form is divided into several sections:

- Audio:** A section for uploading audio files. It includes a 'Choose File' button and a 'No file chosen' message. Below the file upload area is an audio player with a progress bar showing '0:00 / 0:00'.
- Upload thumbnail:** A section for uploading a thumbnail image. It includes a 'Choose File' button and a 'No file chosen' message.
- Team:** A text input field labeled 'Enter name of your team'.
- Title:** A text input field labeled 'Title of your art work'.
- Description:** A text input field labeled 'Short description of your art work'.
- Type:** A dropdown menu with 'Digital Art' selected.
- City:** A text input field labeled 'Enter quantity'.
- Production Year:** A date input field with the format 'yyyy-mm-dd'.
- Date of issue:** A date input field with the format 'yyyy-mm-dd'.
- Origin Location:** A text input field labeled 'Origin Location of the item'.
- Valid Until:** A date input field with the format 'yyyy-mm-dd'.
- Stock Details:** A text input field labeled 'Stock Details of item'.
- Dimensions:** A section with three input fields: 'Height', 'Width', and 'Depth'. The 'Height' field is currently selected and contains the value '100'.

After successfully creating an NFT, User can see the success modal with two options: "Go To NFT" and "Add More NFTs".

The screenshot shows the 'CREATE CERTIFICATE' form in the Song Source application, overlaid with a success modal. The modal is titled 'Success' and contains the following text:

Certificate Created

Your certificate is created and added to your collection, You should be able to see it in a moment.

Below the text are two buttons:

- Go To NFT Certificate** (blue button)
- Add More NFT Certificate** (grey button)

The background form is dimmed, showing the same fields as in the previous screenshot.

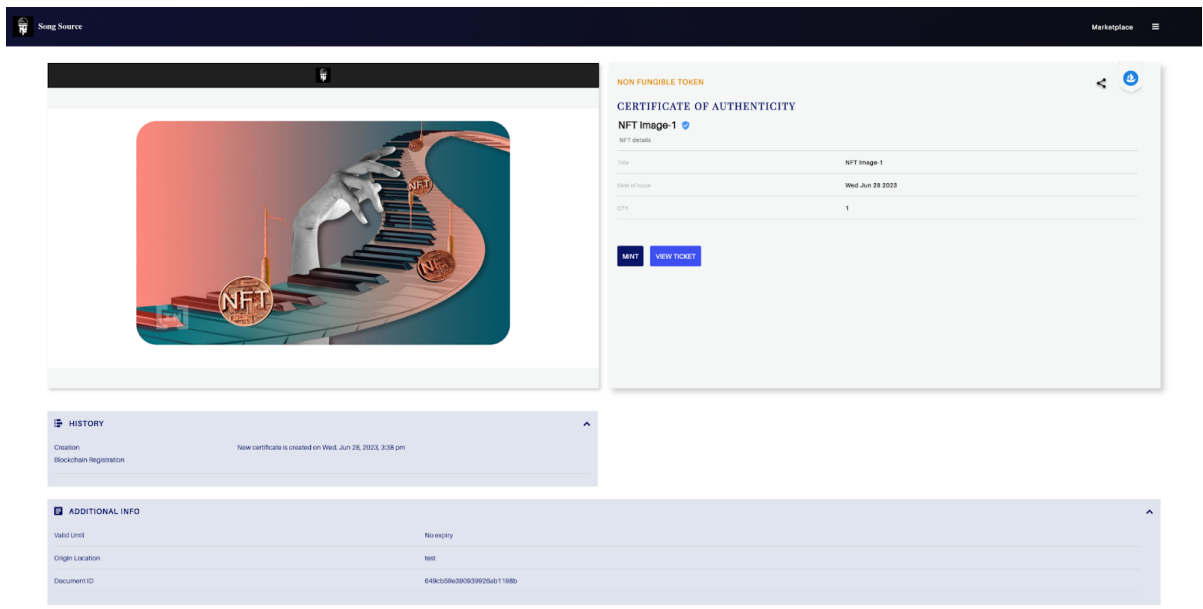
6. View NFT Screen-

Users can see all details of an NFT like NFT ID, Name, Title, Quantity, History, and additional details. Users can Mint a new Nft by clicking on Mint Button. Once it's minted, It goes in a queue for processing into Blockchain. Users can see the Blockchain registration link in history as soon as it's verified on the blockchain.

This will be your polygon transaction hash:

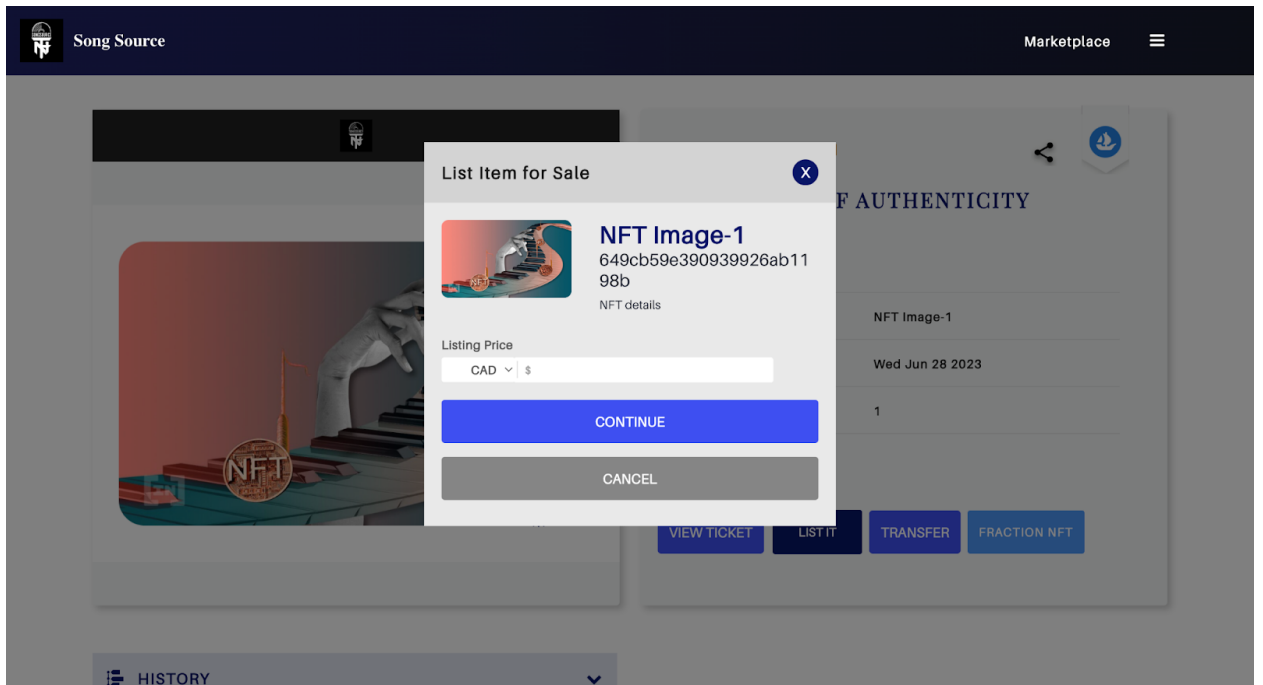
[0x3ef67eb188419f8abc36bf1b2ed97f2d21a41dc497b912d348867f9703824a19](#)

Users can list the NFT on the marketplace, fraction an NFT, and transfer it.



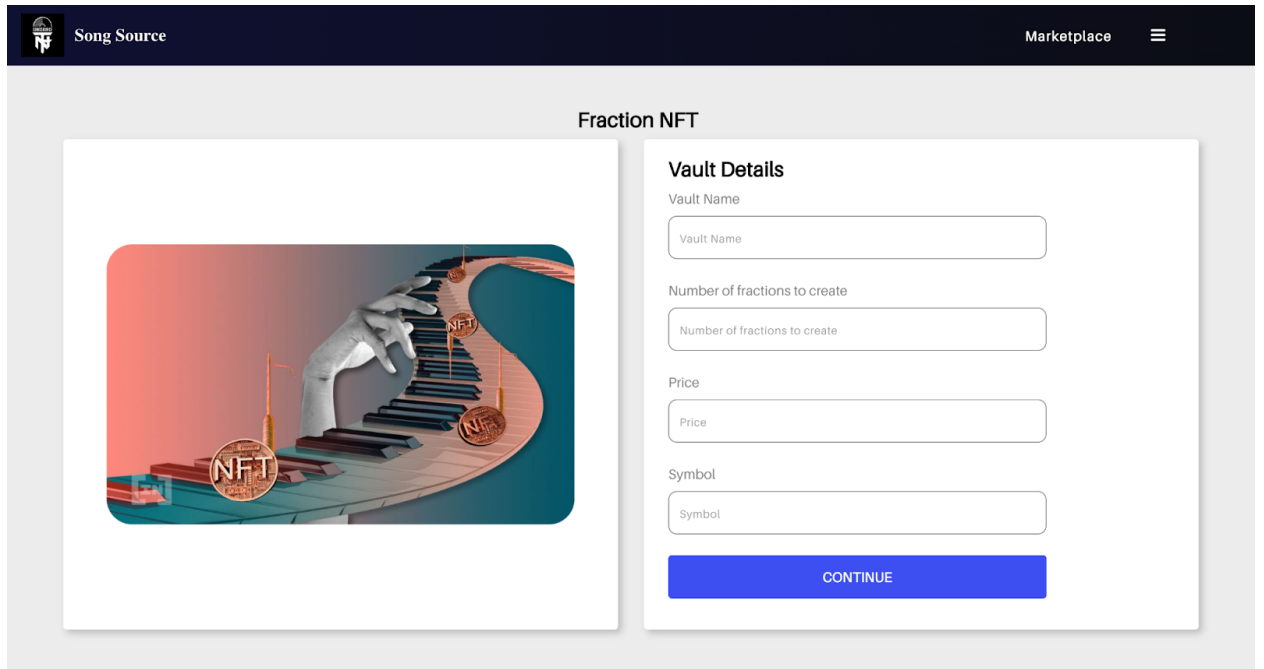
6.1 Listing an NFT For Sale-

Users can list an NFT for sale by providing a listing price.

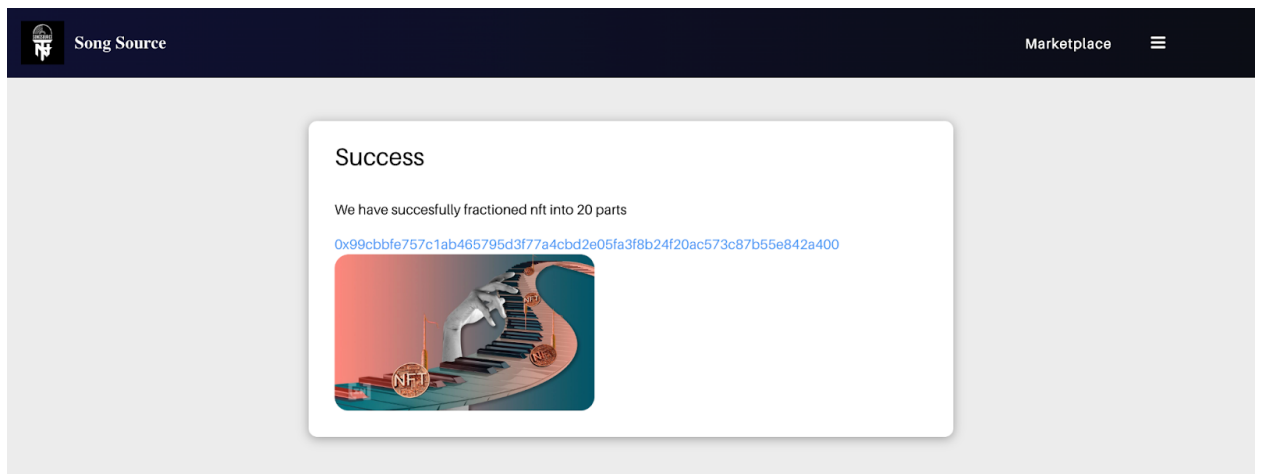


6.2 Fractionalize an NFT

Users can fraction an Nft by providing Vault Name, Number of Fractions, Price, and Symbol. Once an NFT is fractionalized, the store owner cannot list or transfer the NFT being fractioned to another user.



The screenshot shows the 'Fraction NFT' interface. On the left is a 3D illustration of a hand playing a piano with NFT tokens. On the right is a form titled 'Vault Details' with the following fields: 'Vault Name', 'Number of fractions to create', 'Price', and 'Symbol'. A blue 'CONTINUE' button is at the bottom of the form.

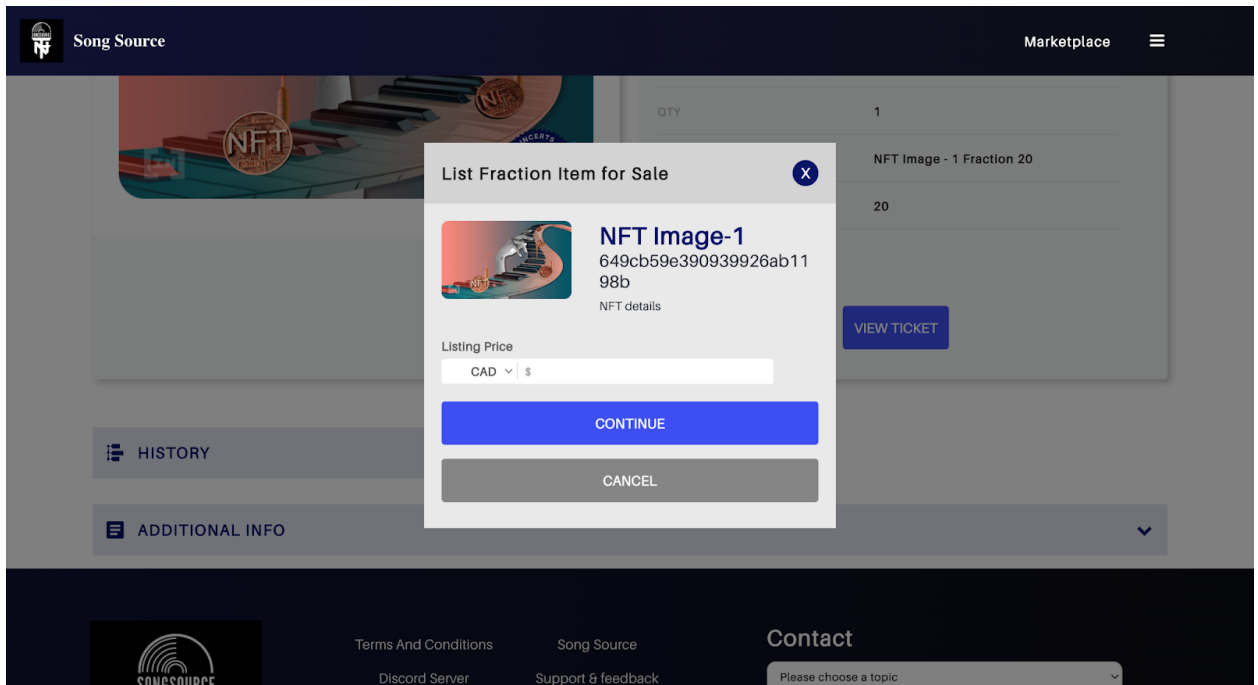


Users can see the details of the fraction in PolygonScan:

<https://polygonscan.com/tx/0x99cbbfe757c1ab465795d3f77a4cbd2e05fa3f8b24f20ac573c87b55e842a400>

7. List Fraction

Store owners can list fractions for sale by providing a listing price.



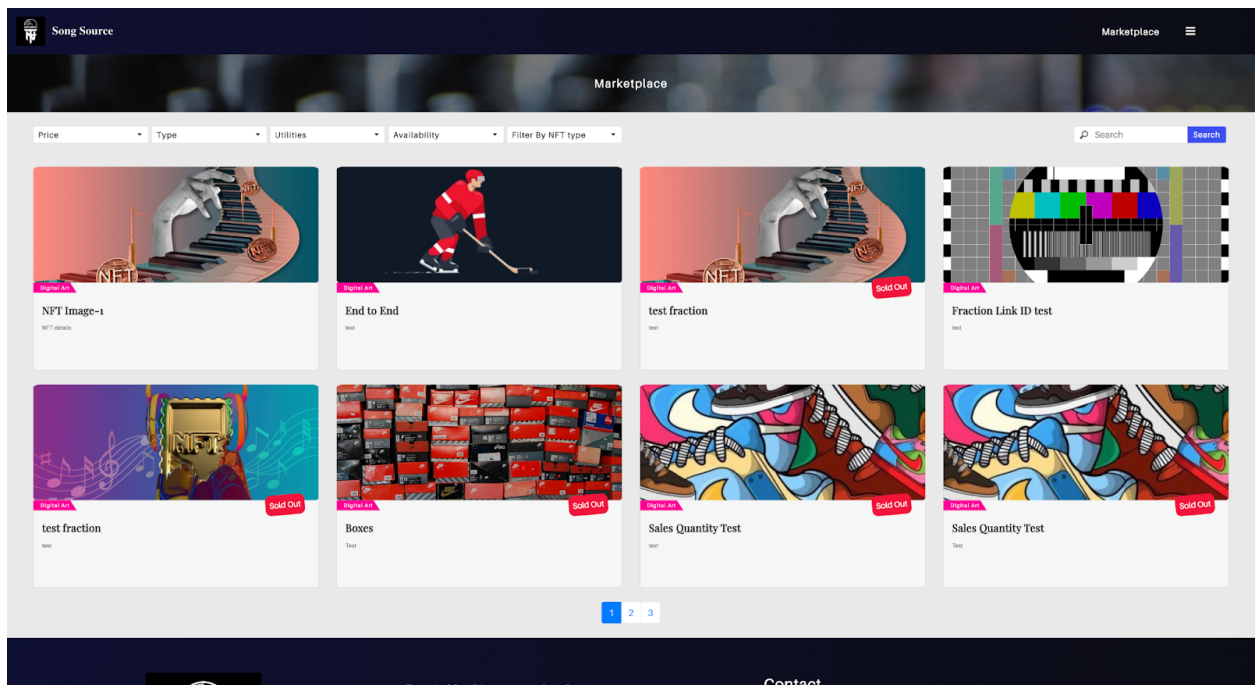
8. MarketPlace

Once an NFT or fraction is listed for sale, end users can view the NFT or fraction on the marketplace. In the marketplace, users can filter NFTs and fractions by price, type, availability, and type. Users can search for an NFT by entering text in the search field. When end users click on the Buy Now button, end users will be redirected to the next page where they will be presented with all the details about the fraction.

Users have to provide what is the minimum amount of sale that potential can pay to own the original asset.

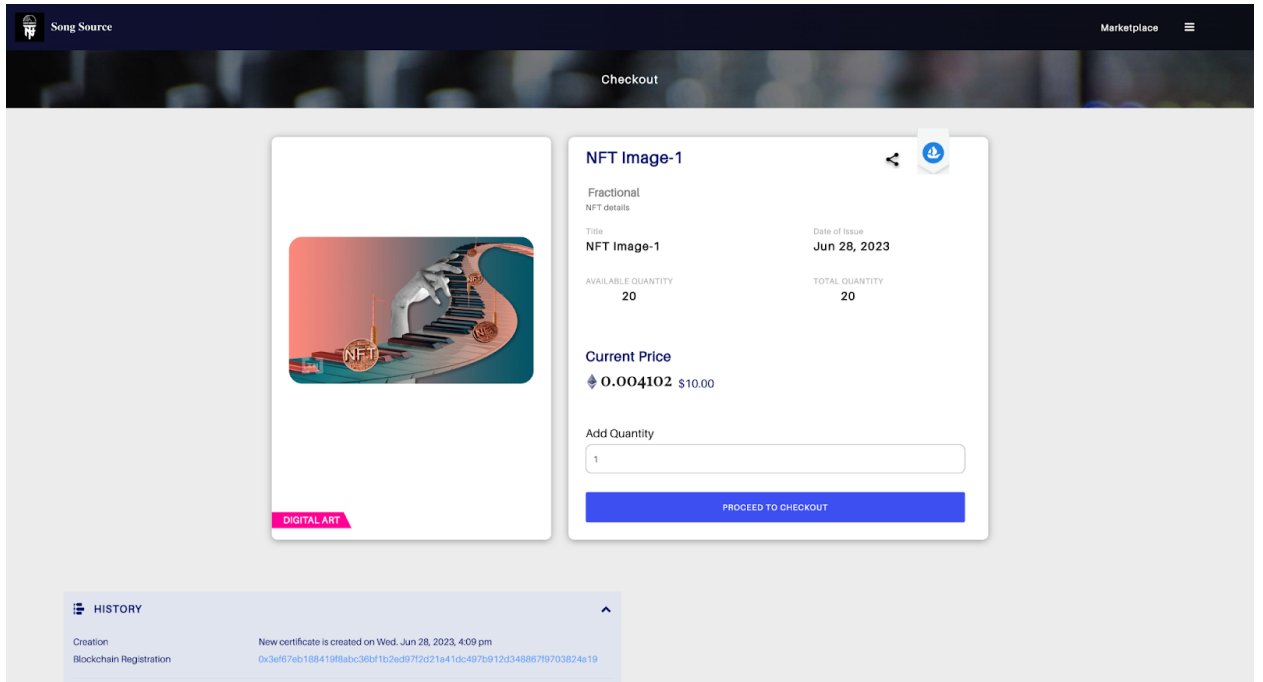
Users buy fractions using the minimum sale of NFT price; all the owners of the fractions will receive the amount of sales equally based on their share.

An alternative way to own the original NFT is that the user owns all the fractions, then withdraws the original NFT interchangeably.



9. Checkout

End users can see all details of a fraction before purchasing, and can specify how many fractions they want to purchase.



The screenshot shows the checkout interface for an NFT on the Song Source platform. The page title is "Checkout". On the left, there is a placeholder image for the NFT, labeled "DIGITAL ART". On the right, the NFT details are displayed:

- NFT Image-1** (Title)
- Fractional** (Type)
- NFT details** (Section header)
- Date of Issue: Jun 28, 2023**
- AVAILABLE QUANTITY: 20**
- TOTAL QUANTITY: 20**
- Current Price: 0.004102 \$10.00**
- Add Quantity:** A text input field containing the number "1".
- PROCEED TO CHECKOUT** (Button)

At the bottom, there is a "HISTORY" section with the following information:

- Creation:** New certificate is created on Wed, Jun 28, 2023, 4:09 pm
- Blockchain Registration:** Dc3e67eb188419f8abc36bf1b2ec9772d21a41dc497b912d348867f9703824e19

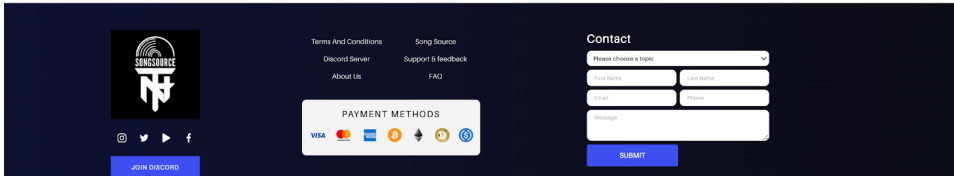
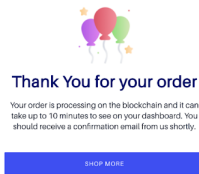
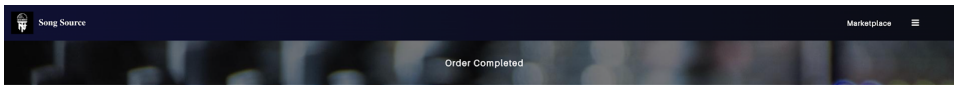
Users can see the Order summary and purchase a fraction by providing credit details.

The screenshot shows the checkout interface for 'NFT Image-1' on the Song Source marketplace. The page is divided into several sections:

- Product Header:** Displays 'NFT Image-1' with 'ETHEREUM' and 'PRICE' labels. Below this, it shows 'NFT details', the price in Ethereum '0.004081', and the price in USD '\$10'.
- Payment Method:** Offers two options: 'Credit Card' (selected with a checkmark) and 'Crypto'. Below these are input fields for 'Cardholder Name', 'Card number', and 'MM / YY CVC'. A 'Shipping Info' section includes a checkbox for 'I'm not a robot' and a reCAPTCHA icon.
- ORDER SUMMARY:** A table summarizing the purchase details.
- Buttons:** A prominent blue 'PAY BY CARD' button is located below the payment form, and an 'Add Promo code' field is at the bottom of the order summary.

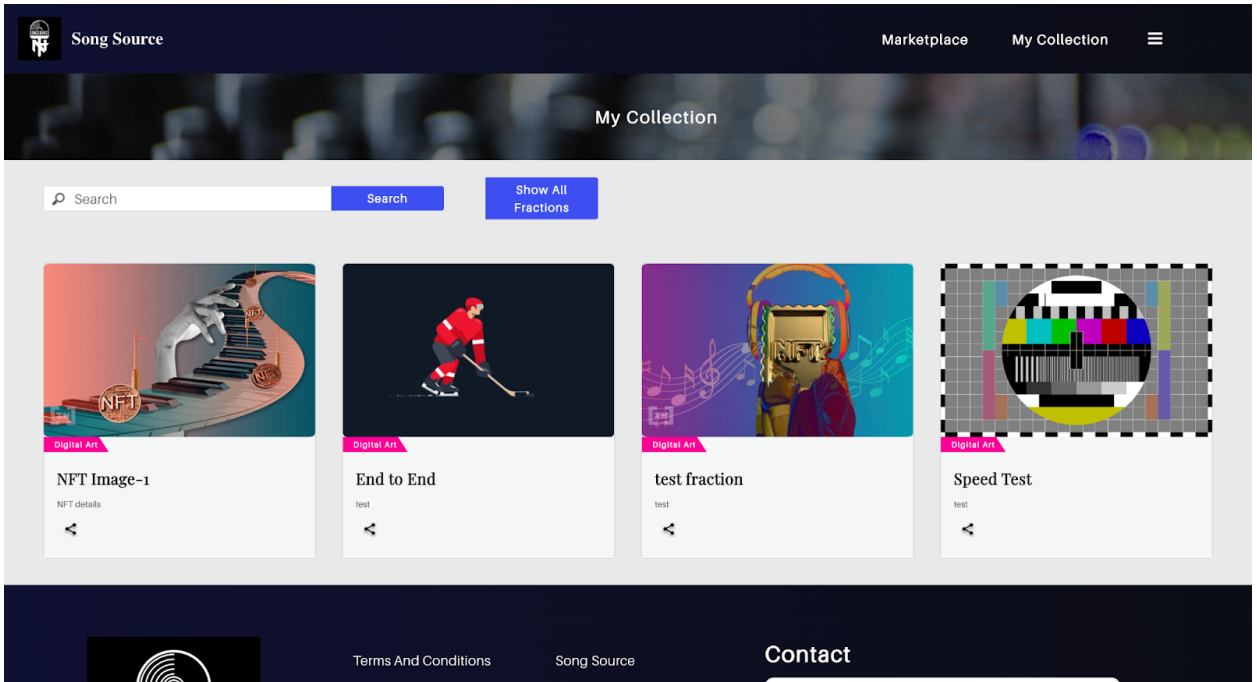
Item	Fraction Quantity	Price	Total Price
NFT Image-1	3	\$30	\$30
Subtotal			\$30
Tax			\$30
Total			\$30

Once the order is complete, end users will be redirected to the post-checkout screen. Order Processing can take up to 10 minutes and the end user will receive an order confirmation email.

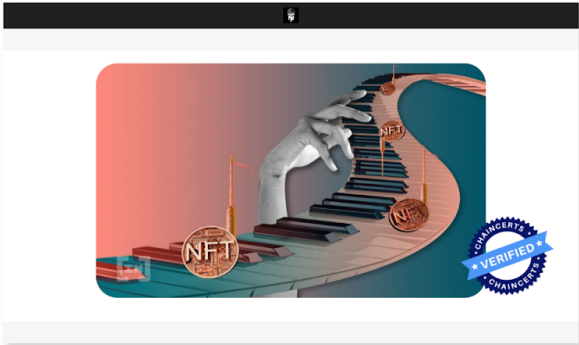


10. Collections:

Once an NFT or fraction is purchased by the end user, it will appear in their collection. Users can see all NFTs and Fractions they own in their collection.



To see the details of the tokens, end users can click on the image in their collection.



NON FUNGIBLE TOKEN

CERTIFICATE OF AUTHENTICITY

NFT Image-1

NFT details

Title	NFT Image-1
Date of Issue	Wed Jun 29 2023
Fraction Vault Name	NFT Image - 1 Fraction 20
No of Fractions Owned	1

Minted on Blockchain

ADDITIONAL INFO

HISTORY

Creation	New certificate is created on Wed, Jun 29, 2023, 4:09 pm 0x3d877e01888418f8a0c350f102a977032184100497e91253488678703024a19
Blockchain registration	
Transfer	Tokens transferred on Thu, Jun 29, 2023, 10:44 am and quantity purchased is 1