



GRACKLE

Physical Object Tokenization
and DeFi Platform

Grackle.shop

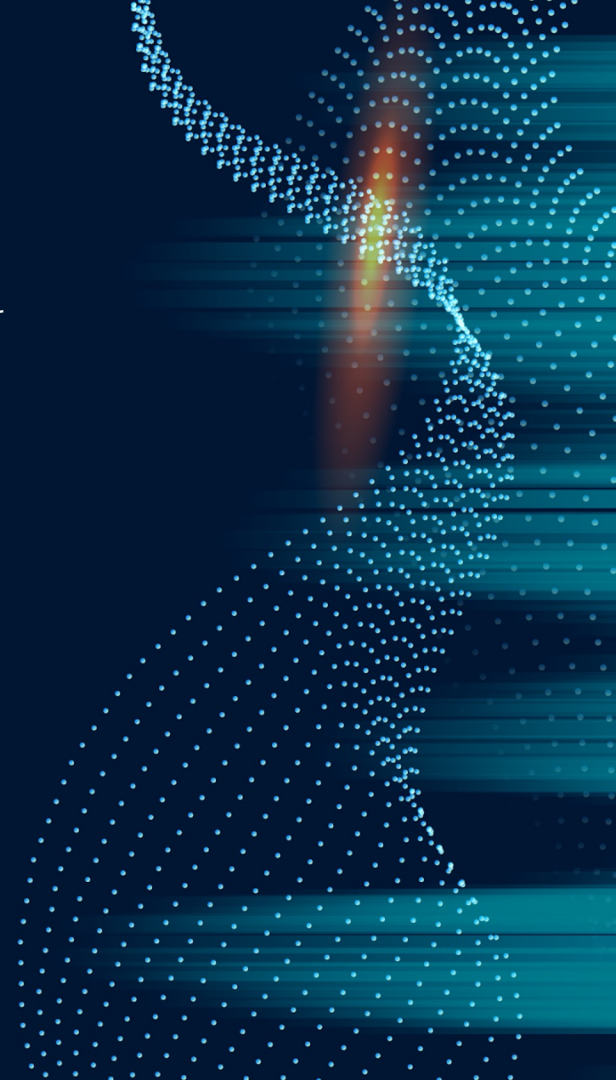
The background features a dark blue gradient. On the left side, there is a dynamic, abstract graphic consisting of numerous small, bright blue dots that form a curved, particle-like trail. Overlaid on this are several diagonal streaks of light in shades of blue and teal. A prominent, bright orange and yellow lens flare or light burst is positioned on the left, partially overlapping the blue streaks and dots.

A BRIEF INTRODUCTION

A novel mechanism for tokenizing
physical objects, starting with physical art

THE PROBLEMS

1. Traditional transactions of valuable physical objects for investment or resale costly steps: authentication, shipping, insurance, and customs
2. Retail investors are often unable to invest in physical objects because the specific storage requirements (security, space, and environmental constraints), so an entire asset class is inaccessible

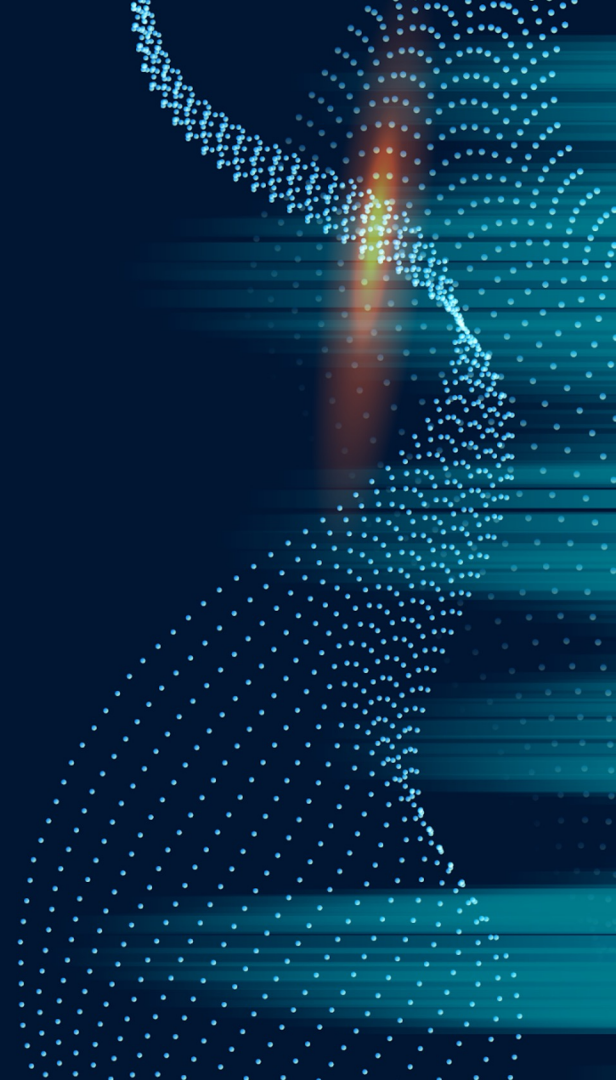


GRACKLE'S SOLUTION

Grackle will introduce physical NFTs to the market, unlocking new opportunities in an asset class largely unrepresented in the blockchain space. Physical NFTs are one-to-one digital representations of traditional, physical objects, on the blockchain.

In addition, Grackle will introduce novel mechanisms inspired by fungible assets, to enable lending and borrowing through token collateralization.

This solution is perfect for galleries, artists, and investors.



Tokens



One-to-One Representation

Each token represents a direct representation of an asset. The physical form is only reachable when the token is burned.

Creation

Token can be created by submitting the work to an evaluator to confirm that it is genuine. Then, an admin can mint a token and send it to the creator.

Benefits

Ownership can be transferred instantly using the blockchain to avoid the hassle of shipping the work. Because the work is already evaluated and stored securely, owners can instantly take a loan against the asset.

Implemented Features

- Simulated token evaluation
- Token minting as an admin
- Simulated burning a token
- Transferring a token to another user
- Contacted local artists that are committed to joining this project

Website– Landing Page

Grackle

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Welcome to Grackle

We are team of curators enabling artist and investors to efficiently trade art.

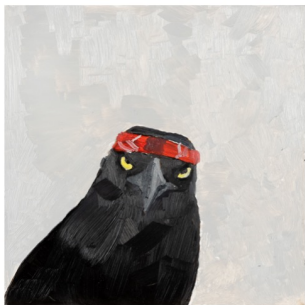
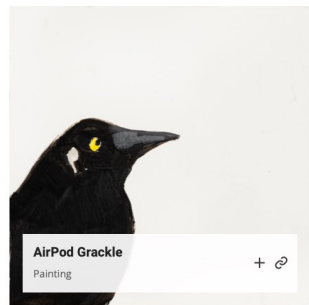
Check our Portfolio

[ALL](#)

[PAINTING](#)

[PHOTOGRAPH](#)

[SCULPTURE](#)



We enable users to
invest in physical
objects hassle free by
offering one-to-one
digital representations.

Digital representations are traded securely on the blockchain.



Opportunities

Grackle enables users to invest in pieces that would otherwise not be possible because of shipping, space, or customs constraints.



Clear and Exact Contracts

Owners of the digital representation have the full legal authority over what happens to their assets



Instantaneous Transfers

Unlike traditional, lengthy art transactions, Grackle provides near instantaneous transactions. High frequency trades with physical objects are now possible.



Save

Grackle reduces the cost of reselling by eliminating repetitive shipping, authentication, and customs fees.



Website– Application Page

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Application Form

Please fill out this application to place your physical asset on our website. It will take about 1 week after filling out the form for the piece to appear on our page. Currently, we are only accepting approved users, so please join our newsletter or contact us!

Owner First Name

Mark

Owner Email

MarkJohnson@gmail...

Owner Wallet Address

0x123456789

Owner Last Name

Johnson

Owner Phone Number

123-456-7890

Approval Code

Sent Via Email

Type of Work

☐ Painting

☐ Photograph

☐ Sculpture

☐ Other

Drop file here
or click to
upload

Artist Name

Leonardo Da Vinci

Description

Created in 1503, ...

Name of Piece

Mona Lisa

Price in USD

\$250000

Submit

Website-Admin Page

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Mint a token

Token URI

Enter pNFT Token ID

Recipient Address

Address

☐ Confirmation


Submit

System Status: Online

Pause Transactions

Resume Transactions

Pending Applications



Artwork Name: Angry Grackle

Artist Name: Aparna Rupwalla
Description: Created in 2018
Type Of Work: Painting
Price: \$240
Owner: Aparna Rupwalla
Owner Email: aparna@gmail.com
Owner Phone: 8326759832
Password: art123

Accept

Reject

To Be Shipped

Website-Marketplace

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Marketplace

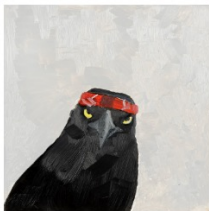
Search

Aparna Rupwalla

Angry Grackle

Select Type

Select Price Range



Make: Aparna Rupwalla

Model: Angry Grackle

Type: Painting

Price: 240

Purchase

Website-User Portal

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Your tokens

Name	Price	ForSale	tokenID	Market	Change Price
Angry Grackle	240	true	1	Take off Market	<input type="text" value="\$250000"/> Change Price

Redeem a token

Redeeming a token enables you to recieve the physical object associated with the token.

Token ID

Shipping Address

FIRST NAME

LAST NAME

ADDRESS

COUNTRY

ZIP CODE

CITY

STATE

☐ I understand this process is irreversible

[Submit](#)

Gift your token

Gifting your token allows you to send it to someone directly as a gift.

Token ID

Recipient Address

Address

Art Acquisition Timeline

PHASE 1

Q3'23

MVP – Artist provided
pieces

PHASE 2

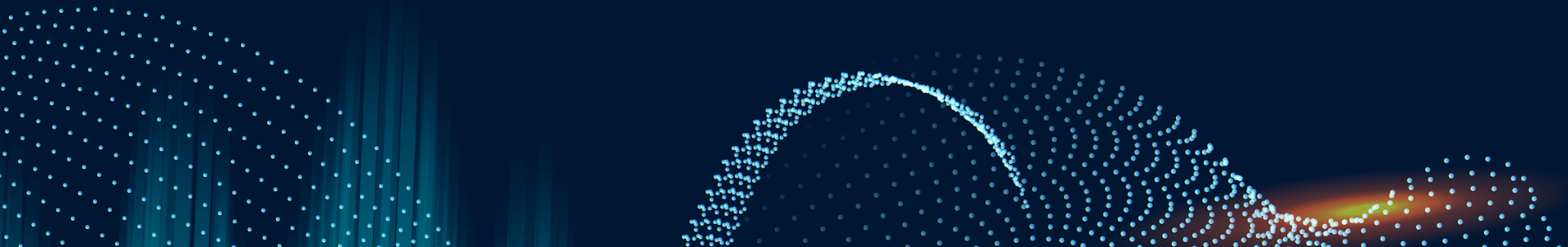
Q2 '23

Art provided by galleries

PHASE 3

TBD

User provided and
arbitrary objects



TEAM

Shreyas Satewar
CEO

Atif Momin
CTO

Sriram Vishwanath,
Milan Malkani,
Michael Morton,
Luke Thorssen
Advisors



THANK YOU

Do you have any questions?
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