



NFT Vision Hack

ProtoNFT Team Presentation

NFTinder App

POWERED BY



SUPPORTED BY



The ProtoNFT team:



**Nabil
Alamin**

**UX
Engineering**



**Lavinia
Osbourne**

**Community
management**



**Dana
Shimoni**

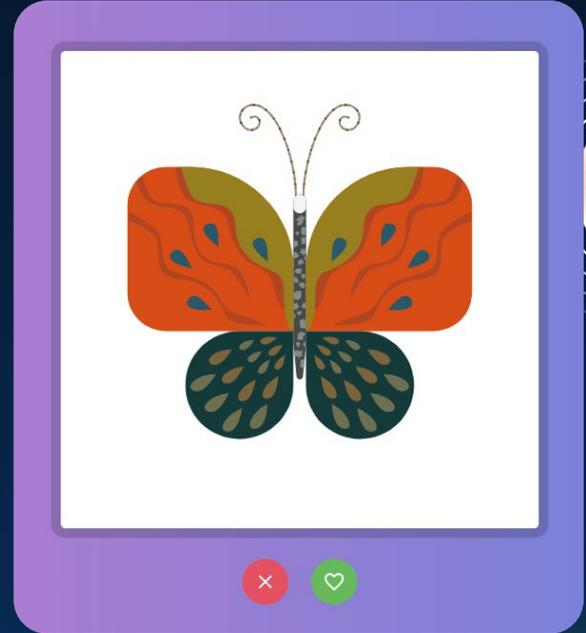
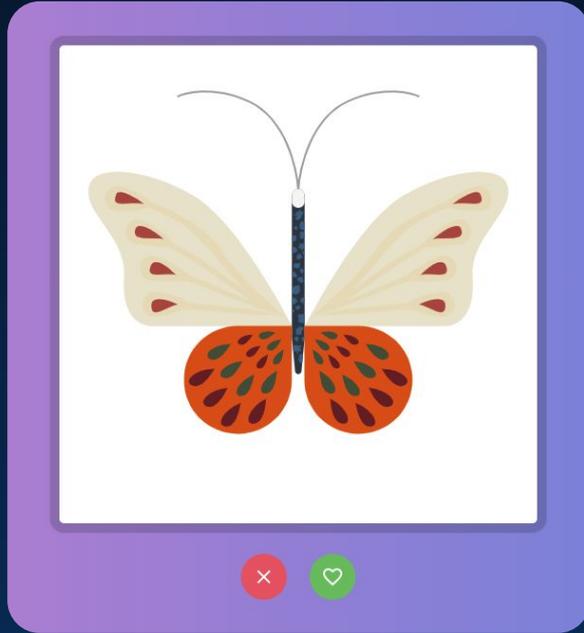
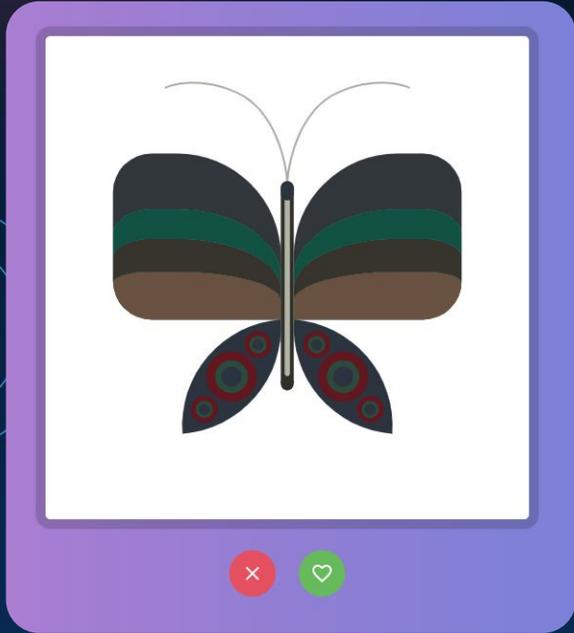
Illustration



**Tailor
VJ**

**Product
Management**

NFTinder App



Track of choice – Indorse

The reason The our team selected the Indorse track is because our project is based on creating **community oriented NFT avatars** for members, ultimately collectibles.

The (codename) **NFTinder** app aims to combine **Crypto Kitties** with **Avastars** and **Tinder** for the sake of community oriented NFT Avatar artwork generation and minting.

Track of choice – Indorse

A great example of this is of “**Studio 54**” the famous Manhattan club from the 70s and early 80s. People who were part of that exclusive and decadent scene still hold onto **memorabilia** from that time.

Community and a sense of belonging in the form of **collectibles** never goes away, this will be the same with **community NFT avatars**.

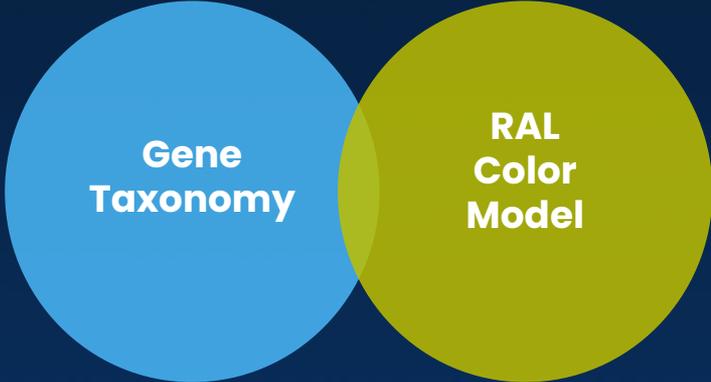




Project - NFTinder

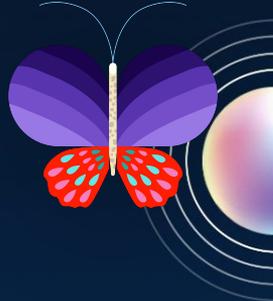
NFTinder is a web app that allows users to select their favorite Avatar Artwork for NFT minting

Survival of the Cutest



Gene
Taxonomy

RAL
Color
Model

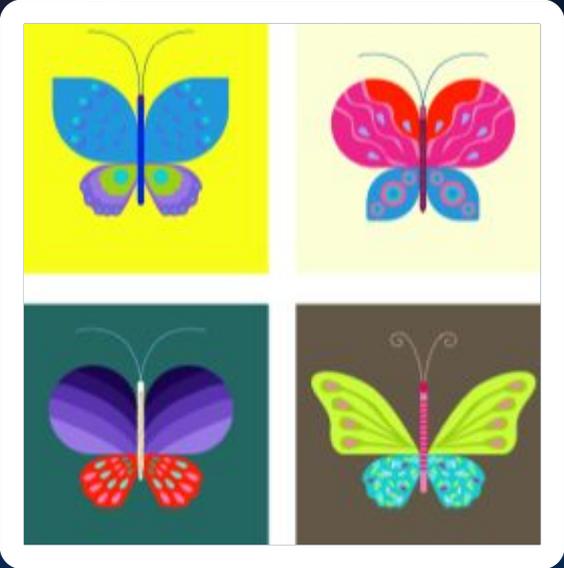




4 Forewings X
4 FW Patterns X
4 Hindwings X
4 HW Patterns X
4 Bodies X
4 Antennas X
213 Color Palettes =

872,448 Possible Combinations

Project - NFTinder - Butterfly Gene Taxonomy



forewing-leaf-l...	forewing-class...	forewing-squa...	forewing-cute...	hindwing-scal...	hindwing-leaf...	hindwing-roun...	hindwing-mou...
forewing-leaf-...	forewing-class...	forewing-squa...	forewing-cute...	hindwing-scal...	hindwing-leaf...	hindwing-roun...	hindwing-mou...
forewing-leaf-r...	forewing-class...	forewing-squa...	forewing-cute...	hindwing-scal...	hindwing-leaf...	hindwing-roun...	hindwing-mou...
forewing-leaf-...	forewing-class...	forewing-squa...	forewing-cute...	hindwing-scal...	hindwing-leaf...	hindwing-roun...	hindwing-mou...
body-stripes	body-harlequin	body-fever	body-giraffe	antenna-tall	antennas-wide	antennas-buzzy	antennas-strip...

Algorithms - Change Phase on the RAL Color Wheel

```
relative.ralHexCode[
  relative.fixRalIndex(
    colorPhase +
    relative.ralHexCode.indexOf(
      relative.getHexFromRalNumber(
        relative.getVibrantRalNumbers(
          relative.getRalFromHex(fillColor)
        )
      )
    )
  )
]
```



Algorithms – RALative NPM module Published By Us!

```
function getVibrantRalNumbers(ral) {  
  ...  
  return [ralNumber[first], ralNumber[second]];  
}
```

Repository

 github.com/tailorvj/ralative




Technology & Tech Stack



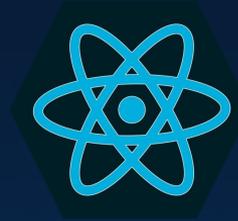
Node.js



TypeScript



Firebase



React.js



IPFS



Artwork is generated on the fly

IPFS

Liked assets are saved on IPFS. Every time a community member clicks the “Like” button or swipes right, a SVG asset is generated and saved to IPFS along with its metadata, **ready for minting.**

A reference to the IPFS asset is saved in Firebase and linked to the user account for the purpose of **lazy minting.**



Scalability – Technology

Our algorithms scale well. Each element design we add to the taxonomy has the potential for multiplication by 872,448

We intend to implement the Avastars smart contracts on the blockchain. **Our entire data footprint is 500KB** at the moment

Scalability - Online Communities

Women in Blockchain Talks, our first client, has a strategy in place to increase their community from their present number of **800 to 50k** via their diversity and inclusivity **campaign by 2023**. With the use of our app to engage their members and give a sense of **"belonging"**, others in their community will share and promote NFTinder.

WOMEN
BL0CKCHAIN
TALKS

HAVE 50K
MEMBERS IN OUR
FREE COMMUNITY
BY 2023

REFERRALS -> PROFIT SHARING -> NETWORK EFFECT

Women in Blockchain Talks

Women in Blockchain Talks is an **award-winning** networking and educational platform that shines a **spotlight** on dynamic women in the Blockchain ecosystem.

They run monthly events, interviewing **diverse women** from around the world who are working and building in Blockchain, and they do this to promote **diversity** and inspire other females to come into the field.

Their **Four Key Objectives**:

- 1.** To create and promote inclusivity and diversity in the Blockchain space
- 2.** Advocate the benefits of Blockchain technology and its adoption to wider society
- 3.** Educate individuals /groups about what Blockchain is and why it is important to understand it
- 4.** To provide networking opportunities for members to grow their businesses, products, career and wealth

Women in Blockchain Talks, cont



Lavinia
Osbourne

“As the Host and Founder of Women in Blockchain Talks, it is exciting to see all the various developments in this space, particularly with NFTs.

I believe that **NFTs are**, and will become, **a great pathway for many people to enter into the blockchain space**, especially women.

As such, **The NFTinder app is a brilliant way to introduce brand new members to the world of NFT** avatars and collectibles in a beautiful, fun and engaging way.

I believe it will make a difference to the adoption of blockchain technology.”

Next Steps of Development

1. Rarible lazy minting protocol implementation - Mint assets
2. Circle API implementation - pay for minting using crypto or fiat
3. Minted artwork catalog
4. Referral program



NFT Vision Hack

Thanks!

The ProtoNFT Team

DEMO

<https://women.artwork.rocks>

POWERED BY



SUPPORTED BY



GIBRALTAR FINANCE
HM Government of Gibraltar



Rarible



CIRCLE



Filecoin



IPFS