PROJECT REPORT

(Project Term Jan - April 2022)

Dec cent-An NFT marketplace (website development)

Submitted by

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Project Group Number …….

Course Code: CSE326

Under the Guidance of

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Assistant Professor

School of Computer Science and Engineering

DECLARATION

We hereby declare that the project work entitled ("Title of the project") is an authentic record of our own work carried out as requirements of Capstone Project for the award of B.Tech degree in computer science engineering from Lovely Professional University, Phagwara, under the guidance of Mr. Dipen Saini, during Jan to April 2022. All the information furnished in this capstone project report is based on our own intensive work and is genuine.

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Registration Number: 12113802

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Date: 17/04/22

ACKNOWLEDGEMENT:

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INTRODUCTION

What Is a Non-Fungible Token (NFT)?

non-fungible token (**NFT**) is a non-interchangeable unit of data stored on a block chain with unique identification codes and metadata that distinguish them from each other it is a form of digital asset that can be sold and traded. Types of NFT data units may be associated with digital files such as photos, videos, and audio. Because each token is uniquely identifiable, NFTs differ from most cryptocurrencies, such as Bitcoin, which are fungible.

What Is a Non-Fungible Token (NFT)?

Non-fungible tokens (NFTs) are cryptographic assets on a blockchain with unique identification codes and metadata that distinguish them from each other.
Unlike cryptocurrencies, they cannot be traded or exchanged at equivalency. This differs from fungible tokens like cryptocurrencies, which are identical to each other and, therefore, can serve as a medium for commercial transactions

NFT ledgers claim to provide a public certificate of authenticity or proof of ownership, but the legal rights conveyed by an NFT can be uncertain. NFTs do not restrict the sharing or copying of the underlying digital files, do not necessarily convey the copyright of the digital files, and do not prevent the creation of NFTs with identical associated files.

- NFTs are unique cryptographic tokens that exist on a blockchain and cannot be replicated.
- NFTs can represent real-world items like artwork and real estate.
- "Tokenizing" these real-world tangible assets makes buying, selling, and trading them more efficient while reducing the probability of fraud.
- NFTs can also function to represent individuals' identities, property rights, and more.

The distinct construction of each NFT has the potential for several use cases. For example, they are an ideal vehicle to digitally represent physical assets like real estate and artwork. Because they are based on blockchains, NFTs can also work to remove intermediaries and connect artists with audiences or for identity management. NFTs can remove intermediaries, simplify transactions, and create new markets.

- In early March 2021, a group of NFTs by digital artist Beeple sold for over $69 million. The sale set a precedent and a record for the most expensive pieces of digital art sold thus far. The artwork was a collage comprised of Beeple's first 5,000 days of work

Understanding NFTs and Markets:

- Like physical money, cryptocurrencies are fungible, meaning that they can be traded or exchanged, one for another. For example, one bitcoin is always equal in value to another bitcoin. Similarly, a single unit of ether is always equal to another unit. This fungibility characteristic makes cryptocurrencies suitable as a secure medium of transaction in the
- An NFT Marketplace is a decentralized platform that allows users to trade and store non-fungible tokens. It acts as a platform for auctioning digital collectibles, arts, music, gaming materials, and other items that users can buy and sell.
- NFT Marketplace was first developed over a different chain by a user requirement like Ethereum, Tron, Binance Smart chain, etc. It was also known as a million-dollar revenue system. It requires buyers and sellers to have crypto wallets to carry out their transactions. NFT marketplace offers strong ownership rights, immutability and also gives security to the asset holders.

PROBLEM STATEMENT

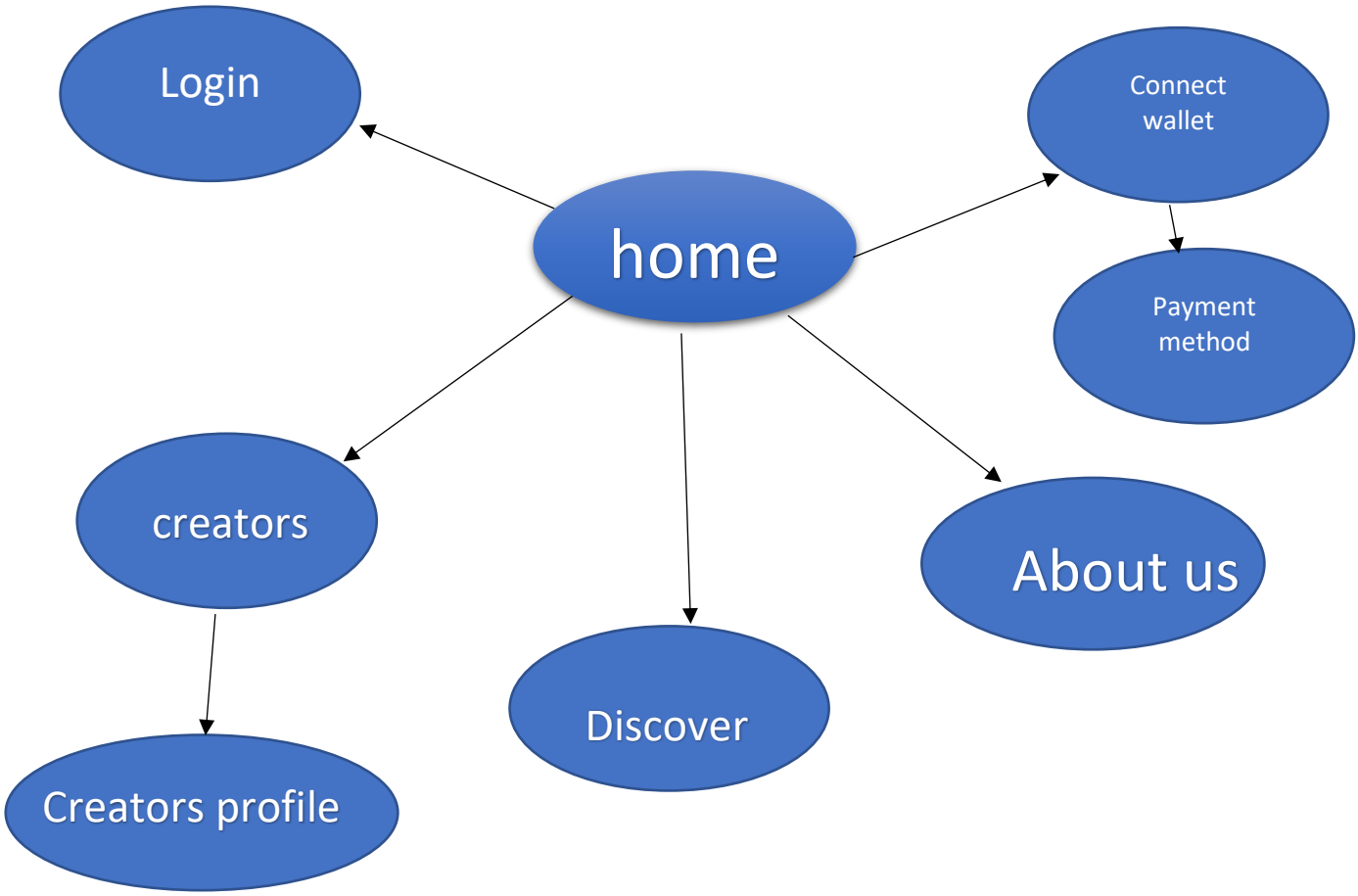
NFT'S are a revolutionary new form of art that are taking the world by storm. With their popularity exploding into main streams, it might be worth knowing how to sell NFT art. This can even be done for free on some of the most popular NFT marketplaces.

DESIGN:

The website is designed in such a way that it is very user friendly and it is easily access able and it is easily manageable.

My motive to implement this website was I genuinely love the system of decentralised economy and the people making every kind of art at its beautiful way and this market places will make win-win solution for both consumer and creator. Here in india the process of decentralization is slowly getting started and the pace is getting set by every global level companies. just like the stock exchange where people gets to have ownership of property here instead in open block chain technology every exchange is bidded and given to the person availed with highest bid rate.

FLOW CHART


Login
Connect wallet
home
Payment method
creators
About us
Discover
Creators profile

IMPLEMENTATION

IMPLEMENTATION OF PROJECT

In my website, the major purpose is a market place to list or showcase different kinds of digital nft's at compact interface as possible. For the process of making it I had to brainstorm about my topic and gathered details about everything. I had some basic design ideas like hover colour change, buttons, colour templates, etc. Using designing tools I made some required designs for banner images. I made the overall use of html, css and javascript making it complete website.

Discover:

It contains several modules they are discover where we can discover all the nft art collections its sale and price along with its seller or creator details from there we can get all types of collections available in the website.

Creators:

It contains list of all the creators those who have registered and created and posted their assets for sale with their individual profile visibility

Connect Wallet:

This contains the payment procedure if anyone want to buy the asset it has several modes on online payment through which we can pay money from it.

Contact us:

This contains the details and procedure if anyone want to clarify any queries or contact us

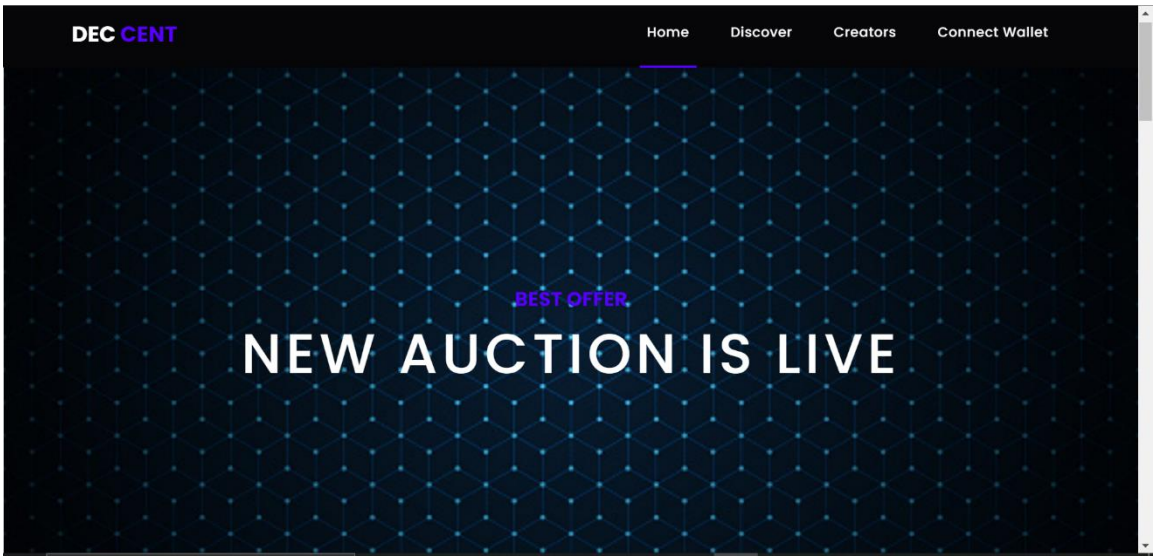
Login:

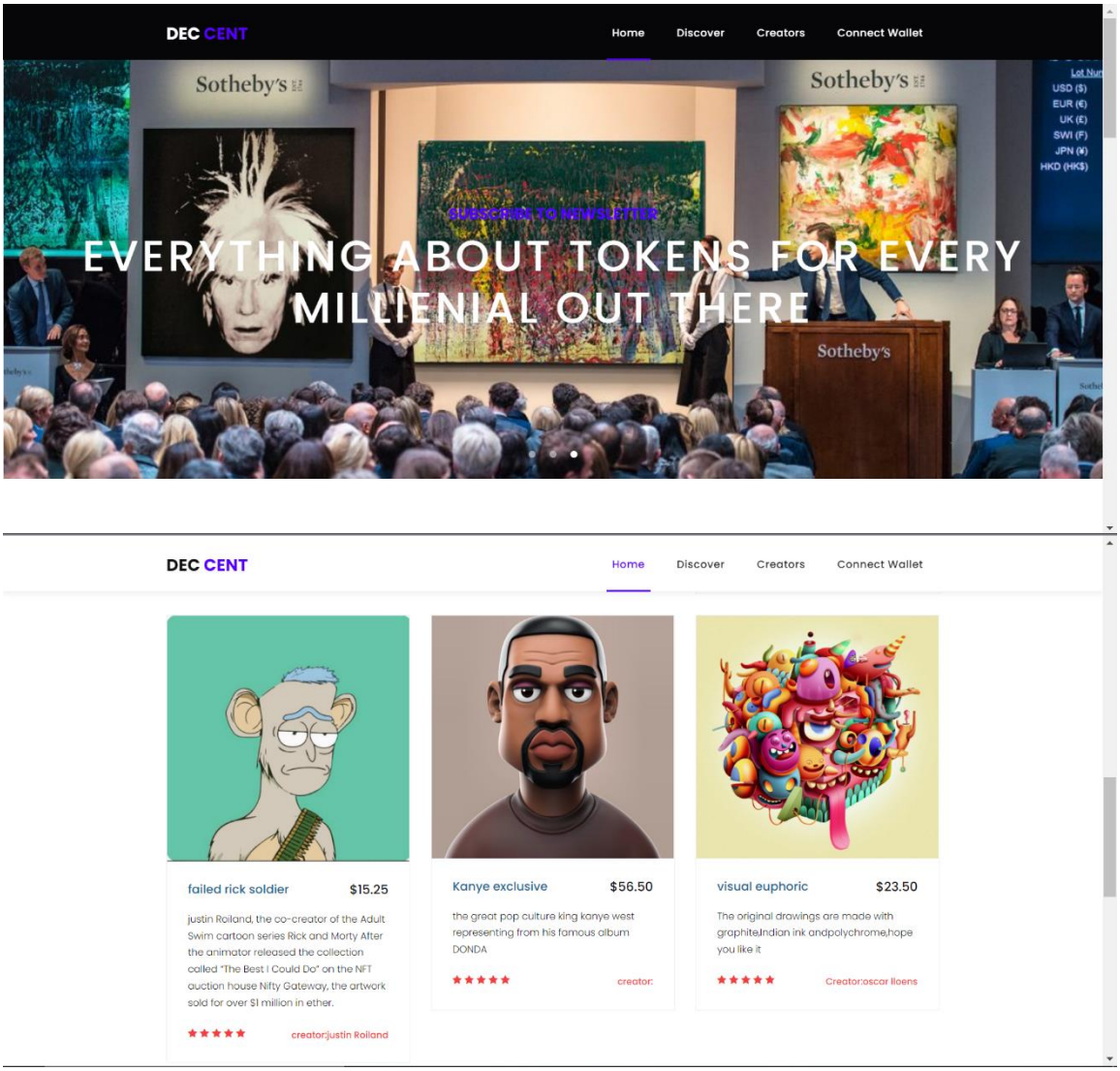
It includes a login procedure

POST IMPLEMENATION

- The website was being tested and recorded observations. The design and thinking process went through it was satisfying with the output. With even more practise I think it would be the biggest thing I have done so far.
- I have documented every detail of the project with clear and classified overview.it really adds the value for my portfolio.
- With little or less knowledge I had made website, but still got more learnings about different development languages and ill make this progress better.
- The whole process made me more fascinated about web designing and I have made plans for further projects.

SCREEN SHOTS:




DEC CENT
Home
Discover
Creators
Connect Wallet
Sotheby's
SUBSCRIBE TO NEWSLETTER
EVERYTHING ABOUT TOKENS FOR EVERY MILLIENIAL OUT THERE
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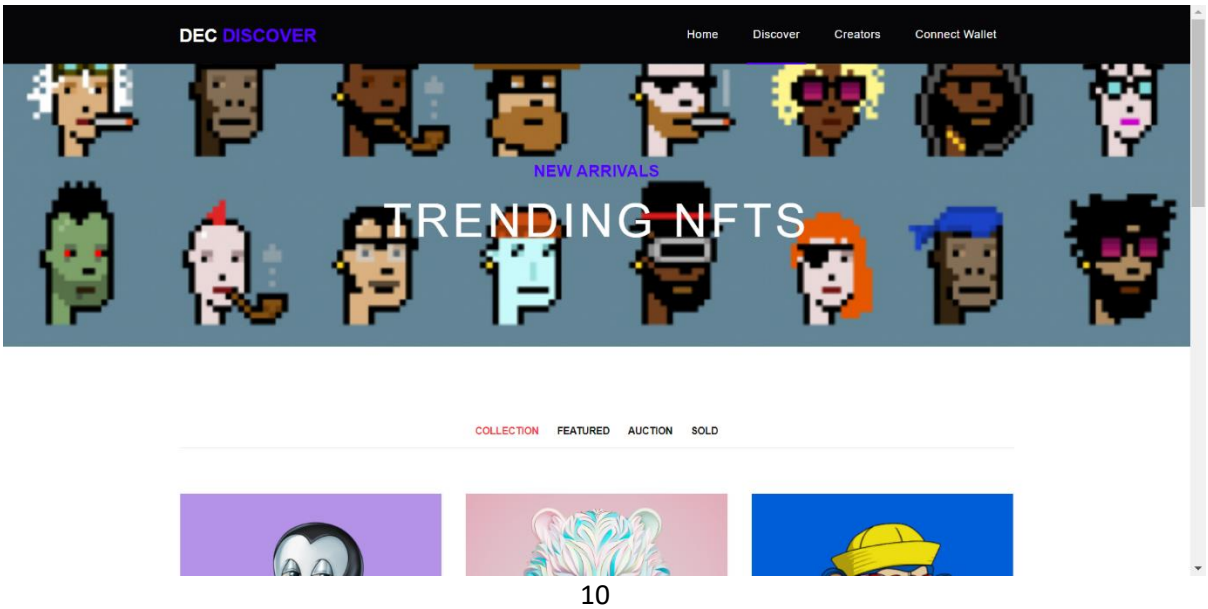
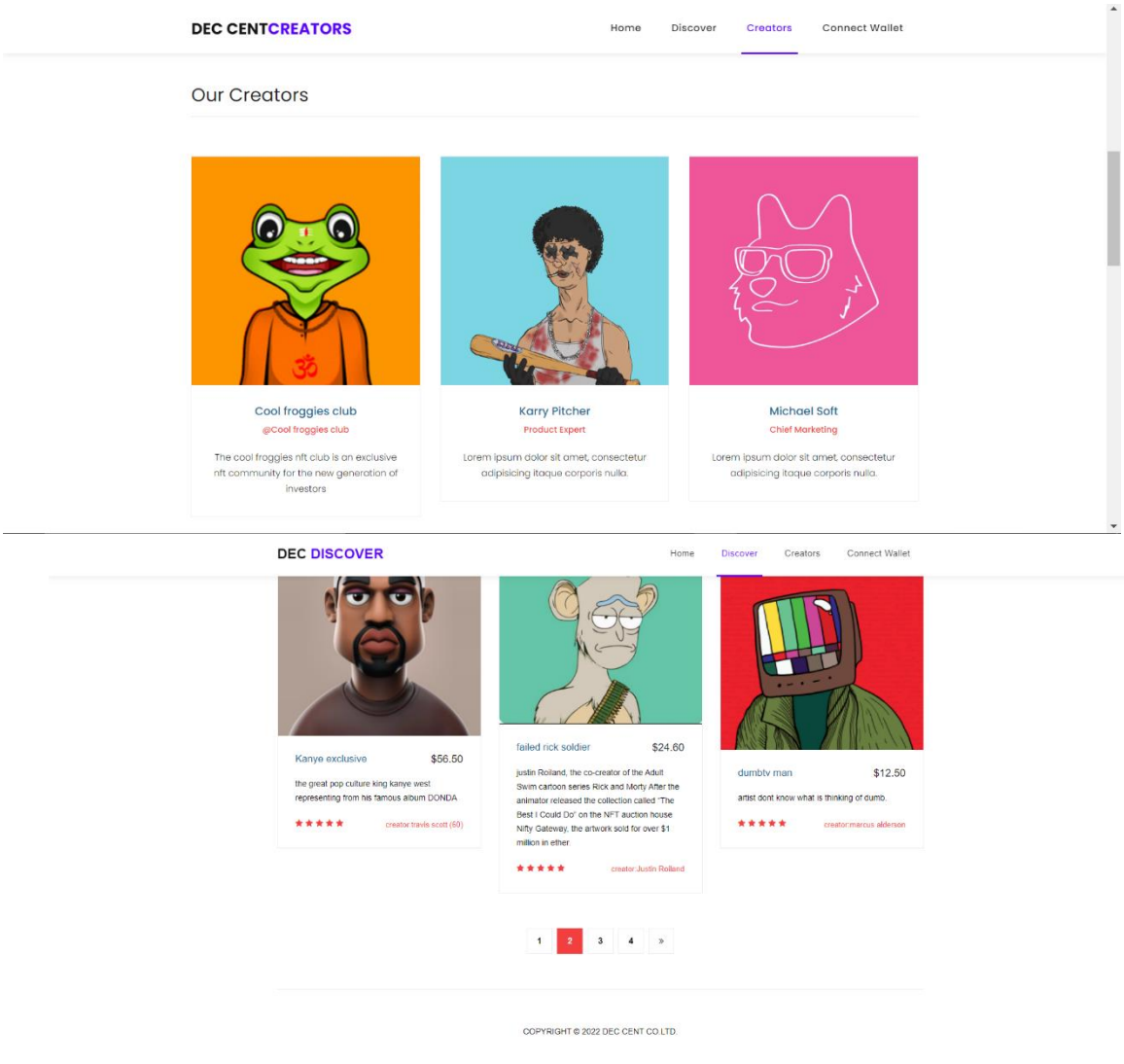
failed rick soldier
$15.25
justin Roiland, the co-creator of the Adult Swim cartoon series Rick and Morty After the animator released the collection called "The Best I Could Do" on the NFT auction house Nifty Gateway, the artwork sold for over $1 million in ether.
creator:justin Roiland
Kanye exclusive
$56.50
the great pop culture king kanye west representing from his famous album DONDA
creator:
visual euphoric
$23.50
The original drawings are made with graphite,Indian ink andpolychrome,hope you like it
Creator:oscar lloens


DEC DISCOVER
Home
Discover
Creators
Connect Wallet
NEW ARRIVALS
TRENDING NFTS
COLLECTION
FEATURED
AUCTION
SOLD



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NFT Marketplaces websites