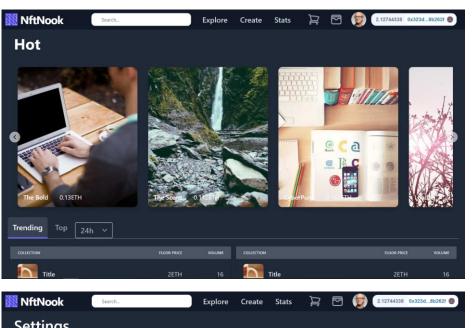
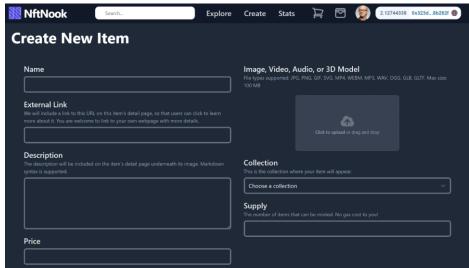
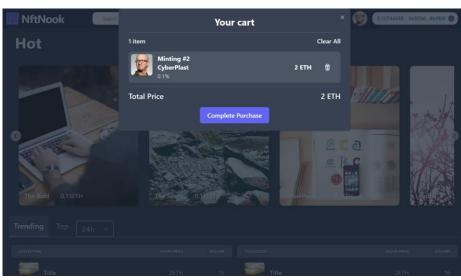
Decentralized Marketplace

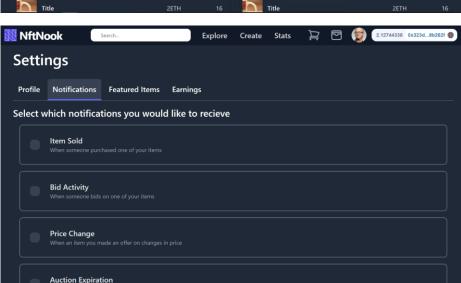
For Digital Assets Empowered by Smart Contracts

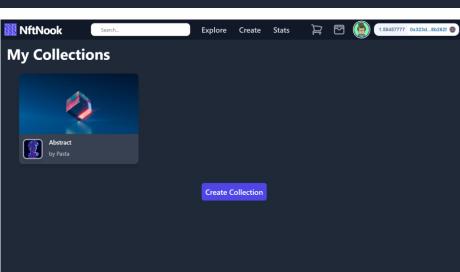
Student: Garg Astha Supervisor: Ast/P Lin Shang-Wei

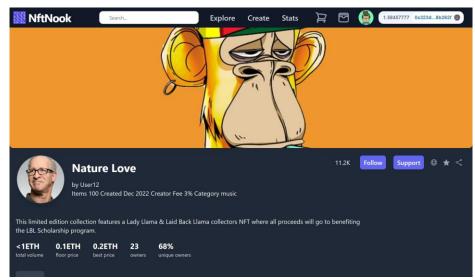












Project Objectives:

The project examines the emergence of Non-Fungible Tokens (NFTs) as a new asset class and highlights the shortcomings of current NFT marketplaces. It introduces 'NFT Nook', a decentralized marketplace built on the Ethereum blockchain that aims to address some of their limitations. NFT Nook allows the fractionalization of NFTs, to enable access to high value NFTs. It has a user friendly interface design that provides an improved user experience. Additionally, it has social integration features that foster a sense of community and enables creators to cultivate a community of supporters around their artwork.

List of features:

- Mint and sell NFT for supported standards -ERC721, ERC1155 and Fractional NFTs.
- Make changes to profile and settings.
- Statistics for activity and price for individual listing and collections, as well as 'top' and 'trending' NFTs.
- Filter and sort through different listings.
- Like listings or add collections to 'watchlist'.
- Buy NFT in three ways at listed price, placing offer and participating in auction.
- Follow creators and show support through donations to gain early access to exclusive listings.

