

# AVAX NFT MARKETPLACE

This project offers a comprehensive exchange for a decentralized NFT marketplace. The reason why we used the AVAX network in this project to create a solid and efficient platform to create, buy and sell NFTs is that it has a solid project base and has not yet exploded as expected. At the same time, Avalanche (AVAX) offers high transaction speeds and scalability. block verification time is completed in milliseconds. This ensures a fast and seamless experience for users.

## Prepared by

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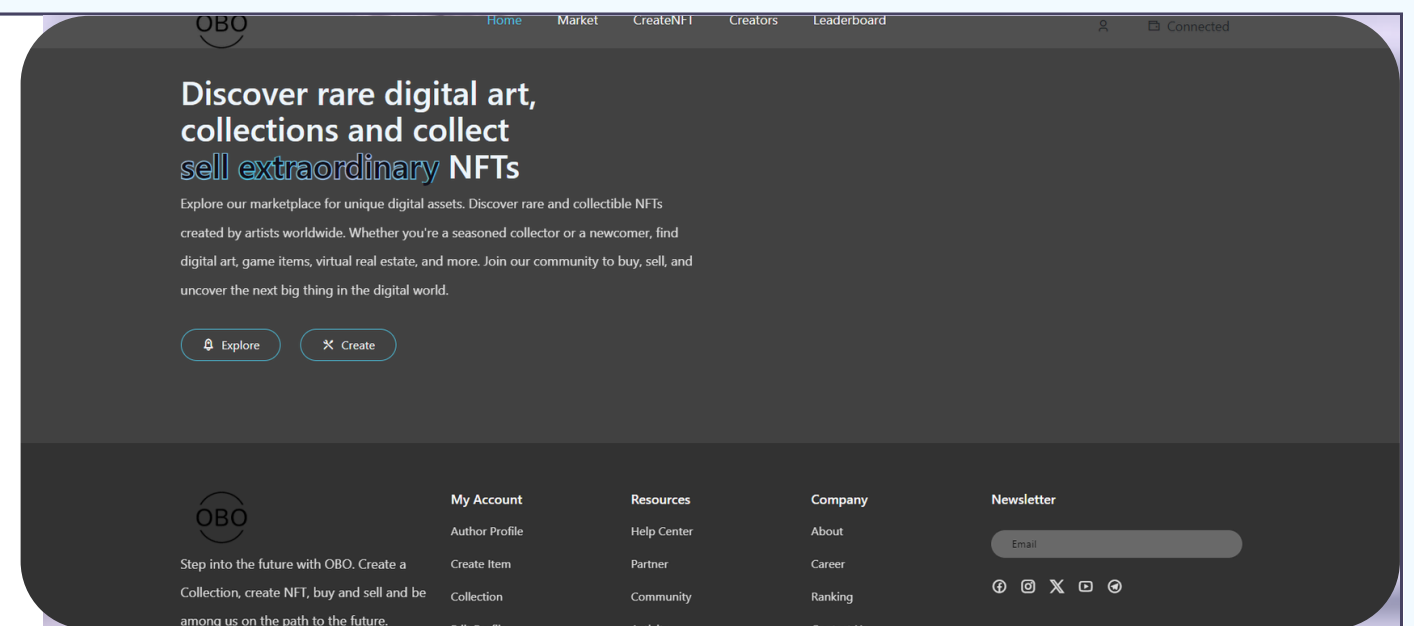
Assoc. Prof. Adnan OZSOY

## Our Platform

The platform includes features such as buying and selling NFTs, creating NFT collections, and minting new NFTs. These utilities provide users with comprehensive tools to manage their digital assets.

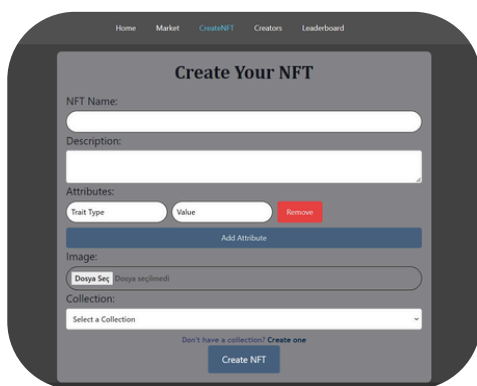
## Introduction

In an era where digital assets are rapidly gaining prominence, we have chosen to develop our NFT Marketplace on the Avalanche (AVAX) network due to its unparalleled speed, low transaction fees, and robust security features. The demand for decentralized and secure platforms for creating, buying, and selling NFTs has driven us to build a marketplace that leverages AVAX's cutting-edge technology to provide users with an efficient, cost-effective, and environmentally sustainable solution.



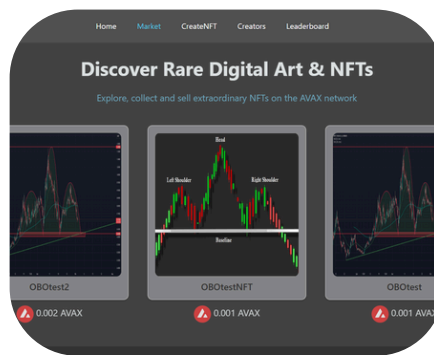
## Create

Create NFT with one click (low transaction fee for artists)



## Buy - Sell

Sell your assets easily and add the ones you like to your assets

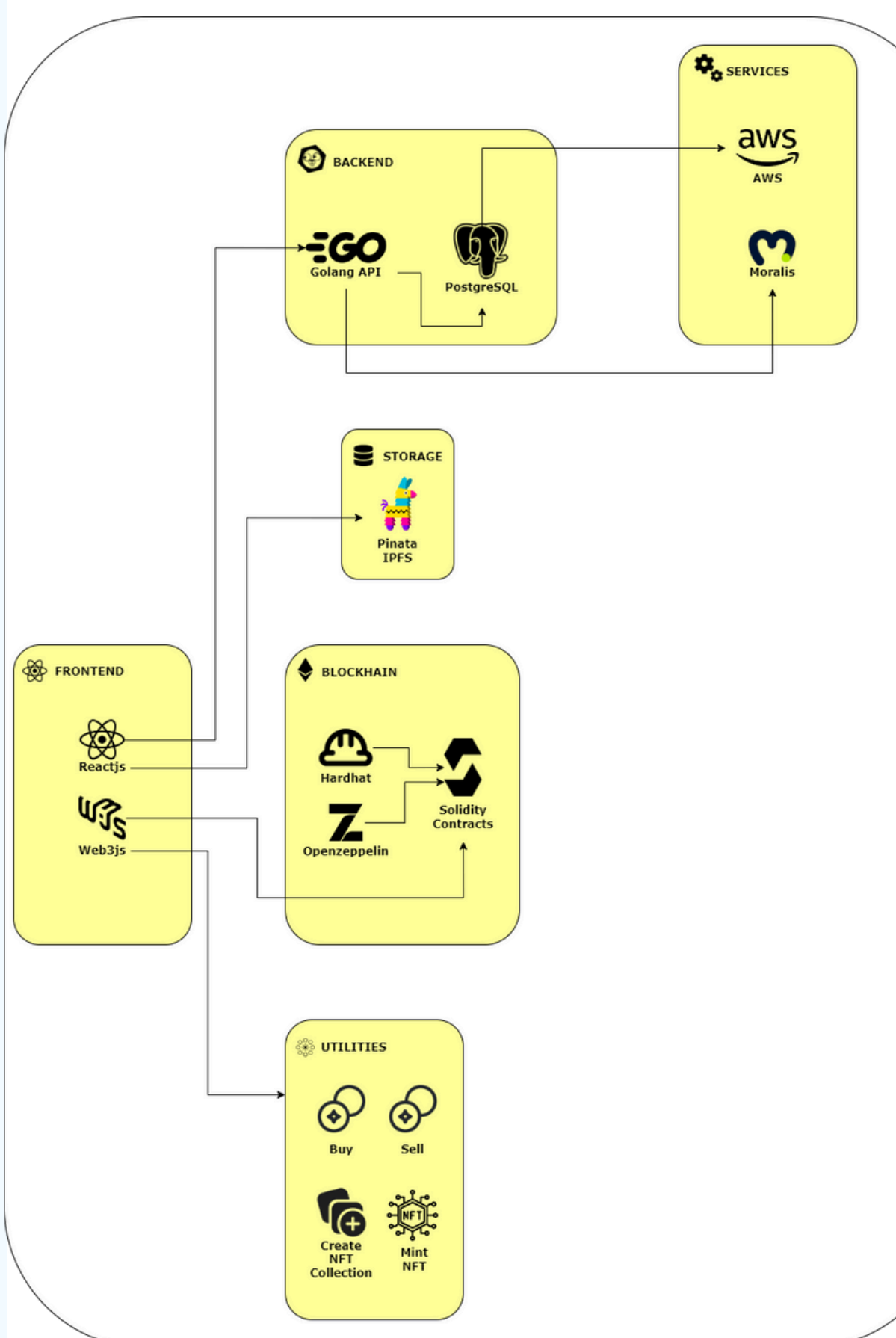


## Visualization

Easily access general information about NFTs with a user-friendly interface



## Architecture



## Why

- Speed and Scalability:** AVAX network can process thousands of transactions per second and block verification time is completed in milliseconds. It provides a fast and seamless experience for users.
- Low Transaction Fees:** Transaction fees are low on the AVAX network. reduces the costs of high-volume transactions, especially NFT trading, enabling more transactions to be processed
- Security:** Avalanche has high safety standards. The consensus mechanism makes the network resilient to attacks and allows users to store their assets securely.
- EVM Compatibility (Ethereum Virtual Machine):** AVAX offers EVM compatibility. This means that DApps and smart contracts running on Ethereum can be easily ported to the Avalanche network.
- Ecosystem and Community:** Avalanche is supported by a large and growing ecosystem. The project has an active community and strong support network.
- Eco-Friendly (Sustainability):** AVAX is an environmentally friendly blockchain solution in terms of energy efficiency. The AVAX network reduces environmental impacts by keeping energy consumption to a minimum and provides a sustainable blockchain solution.

