

Art gallery



Introduction

The system to be developed is for portraying and selling the pieces of art in an Art Gallery , based on the values depicted in the art and the overall quality work of the different Artists. Different conditions have to be satisfied while selling or buying through NFT's. This document follows the IEEE standard for a requirements specification document, with some variations.



What are NFTs

Non-fungible tokens or NFTs are a type of digital token where every token is different and hold unique characteristics.

Due to the Nature of the NFTs, many NFTs have varying rarity and are considered valuable in the digital asset community.

.Anything from Game to Paining and even memes can be an NFT

NFT has emerged as a solution that can indisputably authenticate the original digital Art



Key Characteristics of NFTs

- Indivisibility
 - Uniqueness
 - Transparency
 - Ownership
 - Rarity
 - Interoperability
- 
- 



Features of Art gallery

01

Maintain records of art works made by artists as a portfolio

02


Type of artwork artists want to display.

03

Necessary information about buyers like their transaction history, artworks owned

04

Cryptocurrency is owned by the buyer and it should be sufficient to buy the desired artwork.



Description

1. Website Perspective :-

this website is totally independent and not a part of some existing system. This website needs a server i.e. web server or a local server, apache in our case. The client sends a request to the server, the application host on some server will communicate to the application and to the database management system if needed to facilitate the request. The database server will respond to the user according to demands of the user.

2. Online Art Gallery Functions:-

This web project is all about an Art gallery, which consists of two views.

1. Admin Panel
2. Client Panel

Continued

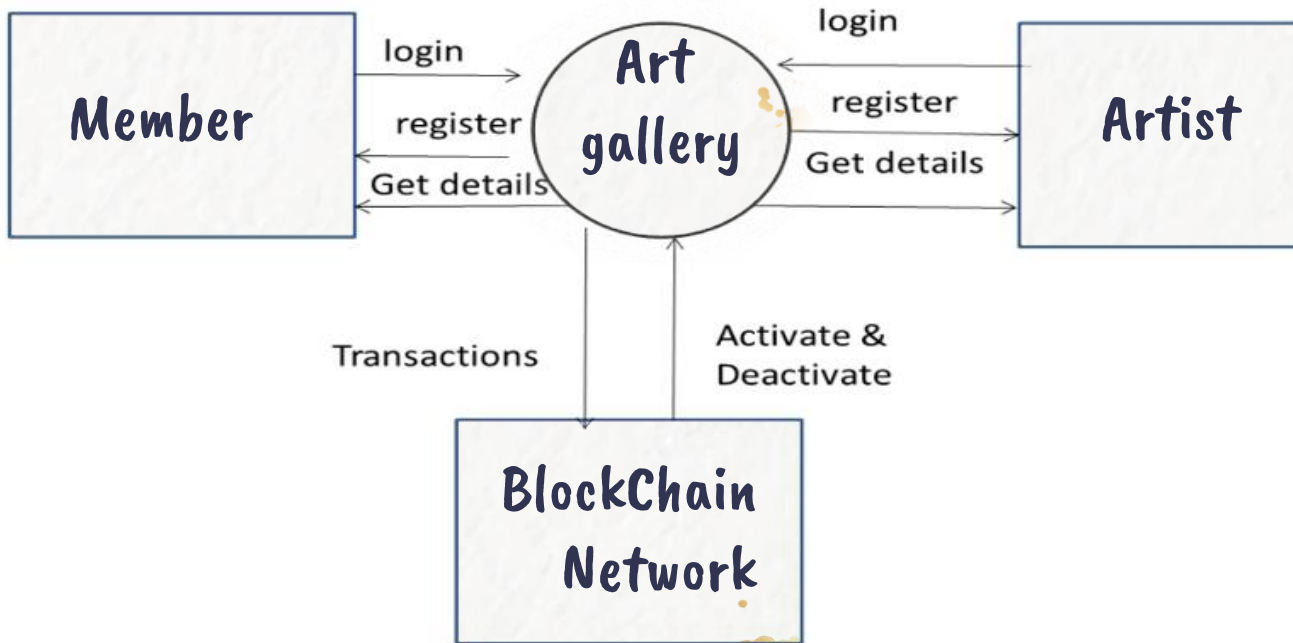
Where the admin is responsible for the whole database. Admin can perform all the designs, creates and update operations.

A client who will use the application from the front end, will be able to visit the website. Clients will be able to select different types of paintings i.e. according to their interest. The client will be able to search different paintings with the name.

User Characteristics:-

There are two types of system users. The first is user, user can login and upload his information and also check another profile. The second user is the administrative who have the capability for maintain the record. Admin manage the whole database. Admin is the person who will control the application by entering new events, by updating or deleting new events. I.e. paintings, and categories. The user should know the details of a transaction.

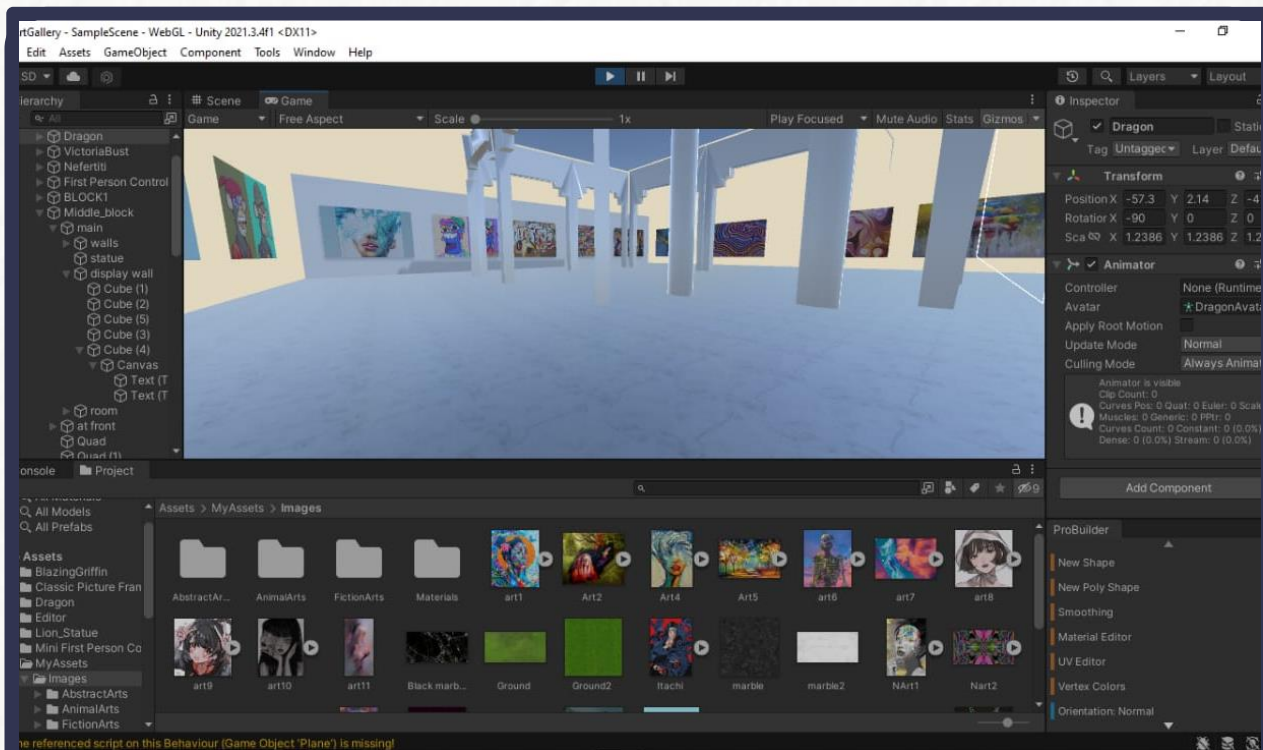
DATA FLOW DIAGRAM



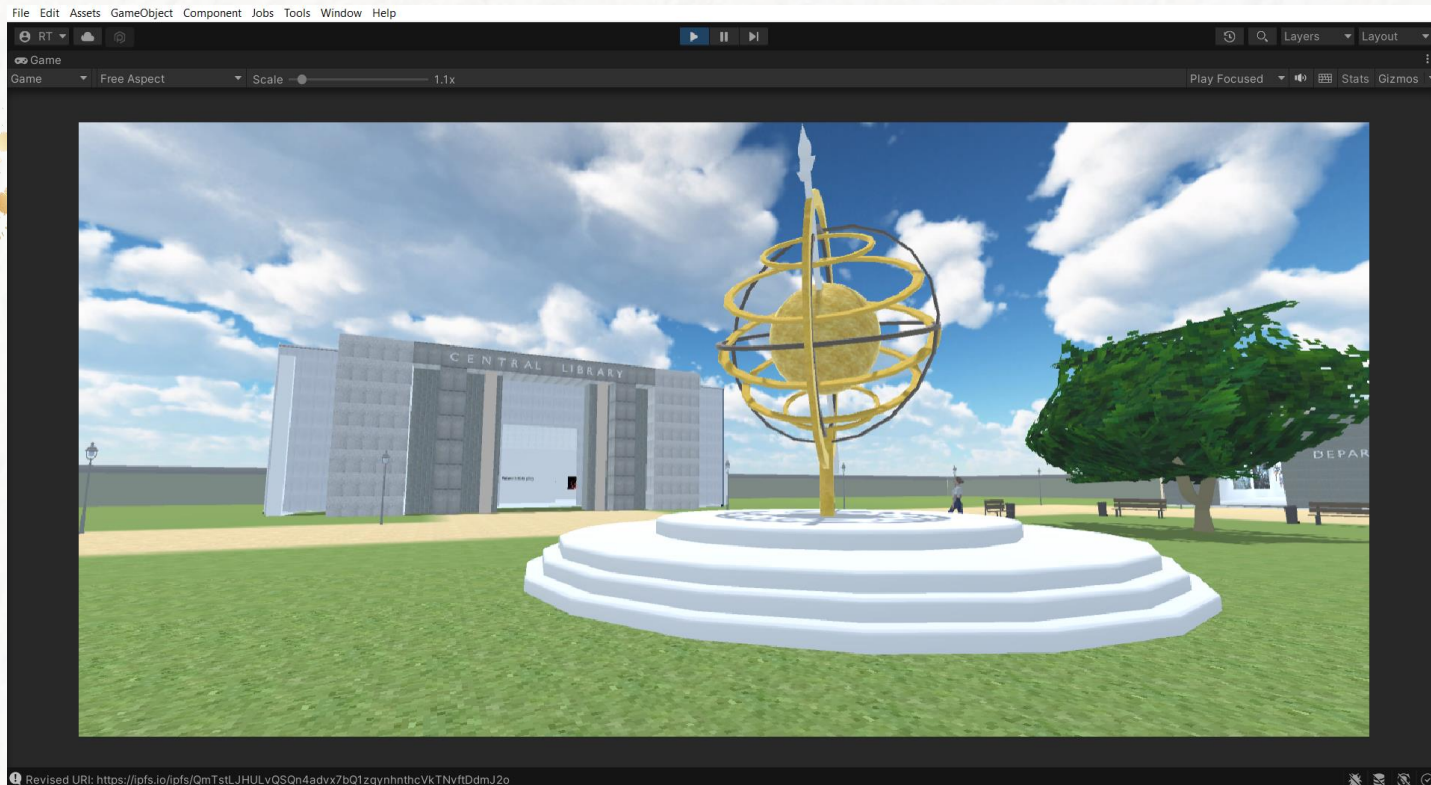
features performed by the web site

- Add Artist profile
- Delete Artist profile
- Make A New User
- New User Registration
- Update Existing User
- User Login

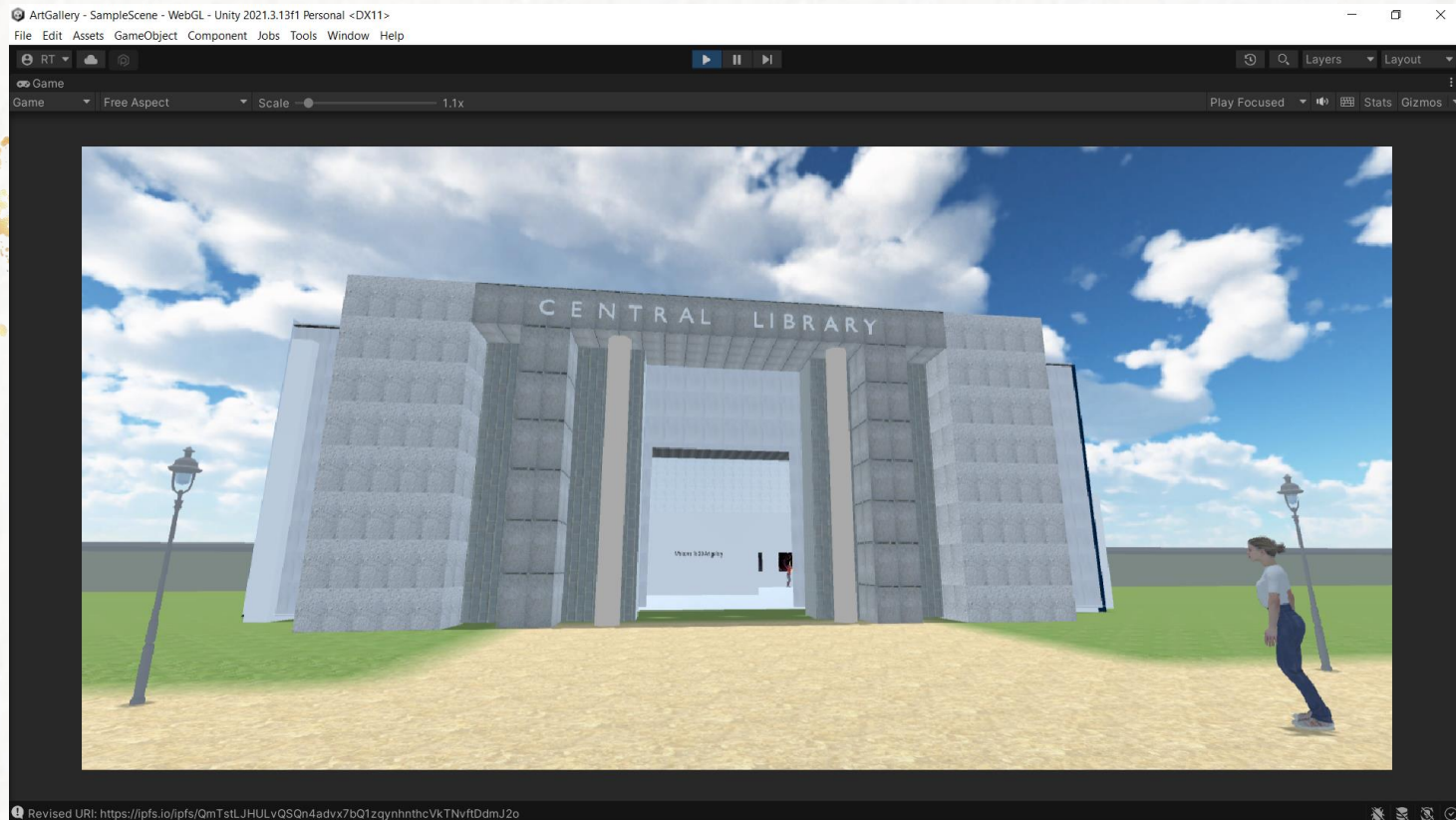
Snapshot



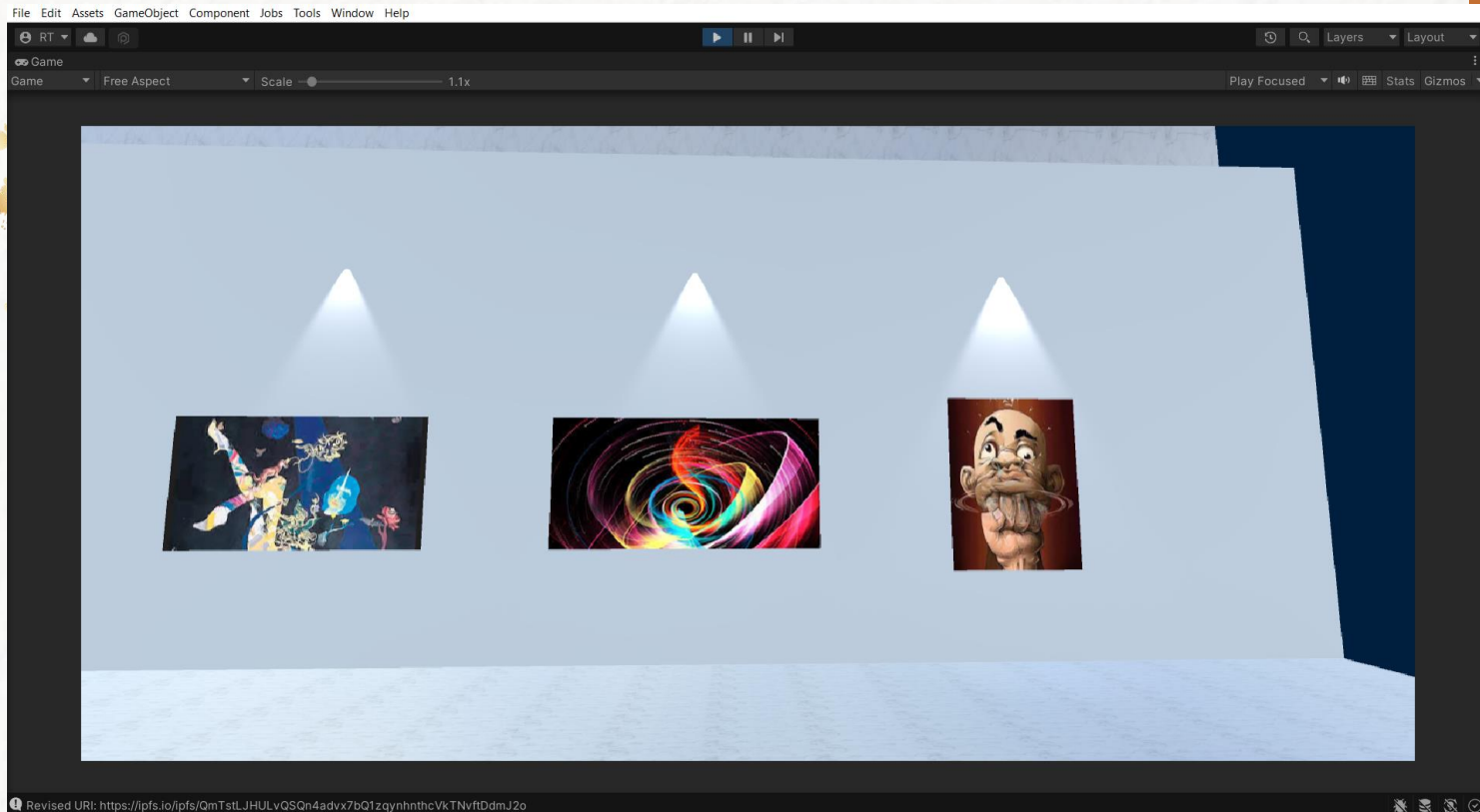
Snapshots



Snapshots



Snapshots





Thanks!