

Art Gallery Management System

Abstract:

The Art Gallery Management System with Simple CMS website using React Full stack is a simple project that will help a certain gallery to manage their paintings or sculptures in their business. The main purpose of this project is to help the art gallery business market their arts online using their own website. This system includes upcoming events advertisement of an artist that rented the gallery to help also their client, and this feature of the system may also use by the art gallery business to announce their own events. The system will store the information of each painting or sculpture including the artist who created and editable content. Each art that is stored in the system, the management can upload multiple views of a certain artwork depending to the views they wanted to publish to their website. This system includes also simple sale management which is the art gallery business may publish also the artworks that is for sale and the customer may request for an order of the artwork and when the management will contact the customer to confirm the transaction and for the scheduling of the delivery.

SYSTEM SPECIFICATION:

HARDWARE SPECIFICATION

- System : Pentium IV 2.4 GHz.
- Hard Disk : 500 GB.
- Monitor : 15 VGA Colour.
- Mouse : Logitech.
- Ram : 4 GB.
- Keyboard : 101 Keyboard

SOFTWARE SPECIFICATION:

- Operating System : Windows 8,10,11, MAC OS
- Front End : React Js
- Back End : Spring Boot with MYSQL
- Server : Sonar Cloud

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Existing System:

Art gallery is the place where the arts or art craft of the artists can be displayed for the visitors view. People also comment on the arts that artist's exhibit so that there will be some scope of improvement of the arts that is displayed. Sometimes it will be difficult to maintain the details of the artist and their paintings details through the pen paper method. This is main drawbacks in our existing system. So our proposed system is that allows the art gallery owners to maintain the details of the artists and the details of their paintings with great ease. This will be one of the usefull application for the owners of the art gallery which will reduce most of their work.

Proposed System :

ONLINE ART GALLERY is a website and it is very helpful for the art lovers and others who want to buy an art work. This website helps the end users to search their arts and paintings and they can place order for the selected pieces. It facilitates the artists to create their profile on this system and keep track of their art works and also upload their new art forms in the digital form . They will be able to

see which of their paintings have been sold and number of likes each of their paintings have got . The paintings would be categorised into different types such as nature, animal, landscapes, etc. Customers would be able to access any particular category according to their interests or any particular artist of their liking after they create an account on this website. They can like any painting and if they are interested in buying it then they can add it to their cart and proceed for checkout . User and artists can also edit their profile info and photos.

Modules:

- Admin Module
- Customer Module

Admin Module:

Login Page

The page where the system users will submit their system credentials to access and manage the data of the Art Gallery Management System.

Home Page

The page where the system user will be redirected by default after logging into the system.

Artist List

The page where all the artists who created the artworks in the gallery are listed and managed.

Arts

The page in the system that lists all the artworks in the gallery and where can system users managed the information of the artworks.

Events Page

The page where all scheduled events of the gallery are listed and managed.

For Sale Page

The page where all artworks that are for sale in the art gallery are listed and managed.

Orders Page

The page where all order requests of customers are listed and managed.

Users Page

The page where can system users managed the list of users in the system.

Customer Module:

Home Page

The page where the customers or visitors will be redirected by default when browsing the art gallery's website. This the where the upcoming events list of the art gallery is listed.

Explore Page

The page where all artworks in the art gallery are listed including the artworks that are for sale. This page displays the content of each artwork that the management published.

About Page

The page where the Art Gallery about content displays.

Cart Module:

Here user can select the mobiles and add to cart items. User can also delete the cart items.

Payment Module

Here user has to select their payment method whether the payment is online or offline.

SYSTEM DESIGN

Use Case Diagram

ER Diagram:

