

System requirements:

Functional Requirements:

- 1- The system must allow users to create an account with details name, phone number, address, password, and email (that will enable the user to log into his own account later).
- 2- The system must allow users at first time to log in to the system to buy and use other services.
- 3- The system must allow users to login in the system with an account created before with email and password.
- 4- The system must enable users to search according to (Art or Artist).
- 5- The system must Classifies artworks according to (paintings, photography, sculpture, drawing and mixed media).
- 6- The system must allow users to give reviews about artworks (comments / star rating).
- 7- The system must allow users to make a list of a favourite artworks.
- 8- The system must allow users to manage his favourite list of artworks.

- 9- The system must allow users to make a cart of artworks that he intends to buy.
- 10- The system must allow users to manage his cart.
- 11- The system must allow users to confirm buying the artworks in the cart using their credit cards.
- 12- Users can see new curator-approved works in special collections released weekly.
- 13- When user wants to know how an artwork will look in their home before buying it, they can virtually “hang” art on their wall using the View in Your Room.
- 14- If they are not sure where to begin? They may start with a blank wall, provide the app with approximate dimensions for the artwork they are looking for, and the app will give them personal recommendations suited to their unique space.
- 15- Want to feature several artworks on a single wall? Experiment with a group of works to see what looks best. Take a screenshot and share your virtual gallery wall with friends and family.
- 16- Users can request complimentary guidance from an art advisor to find artworks handpicked for them to purchase. Just complete a quick questionnaire, and one of our curators will get back to them within 4-5 days with their personalized recommendations.
- 17- The system must allow users to buy eGift Cards for their family and friends.

- 18- Users may refer a friend and get a discount per referral.
- 19- The system must allow users to find an Art Fair next to them.
- 20- The system must allow users to manage their profiles.
- 21- The system must allow users to follow artists they like.
- 22- The system must allow users to contact the admins for any issues.
- 23- The system must allow users to show the available offers.
- 24- The system must allow users to become an artist.
- 25- Artists can create online virtual galleries hosted by the app.
- 26- The system must allow artists to show a list of the followers.
- 27- The system must allow artists to show their sales dashboard.
- 28- The system must allow artists to register their Art Fairs and Galleries.

- 29- The system must allow artists to manage their artworks.
- 30- The system must allow artists to apply discount to their artworks.
- 31- The system must allow admins to show a sales report.
- 32- The system must allow admins to show a sales dashboard to all artist in the app.
- 33- The system must allow admins to manage artists in the app.
- 34- The system must allow admins to show users messages

Non-Functional Requirements:

1- Performance:

- The system shall respond to the request from the user in less than 3 seconds.
- The system shall be reliable and flexible.
- Application shall handle more than 1 user simultaneously.
- Application shall on average operate without failure for as long a time as possible.

2- Maintainability:

- system shall be easy to change/ update.

3- Serviceability:

- system shall be easy to maintain, including tasks such as monitoring the system, repairing problems that arise, adding and removing users from the system.

4- Data integrity:

- system shall be described by accuracy, completeness, and consistency of data mean safety of data and security.

5- Manageability:

- system shall be efficient and easy to monitor and maintain to keep the system performing, secure, and running smoothly.

6- interface:

- The system must be with a good interface; any user can understand it.

7- look and feel:

- The system shall be painted in comfortable colours for the eyes.

8- Safety and Security:

- The system shall ensure that only authorized users are able to gain access.
- The system shall distinguish between authorized and non-authorized users.

9- Usability:

- The system shall have a user-friendly interface.
- The system shall be easy to use by different users.

10- Availability:

- The system shall be available 24 hours in a day.

11- Reliability:

- The system shall be reliable and do not have data validation failures