

CSCE 242: Web Applications

Timothy Young

Museum Explorer

Museum Explorer is an online art gallery designed to showcase contemporary and classic artworks from a variety of artists. The website aims to provide art enthusiasts with a visually appealing and user-friendly platform to explore artworks from renowned museums and galleries across the globe. Visitors can virtually tour museum collections, view detailed information about featured pieces, and learn about various art movements and styles. The site will highlight exhibitions from different cultural institutions, offer insights into their historical significance, and provide updates on upcoming events. Additionally, users will find artist profiles, exhibition reviews, and educational resources related to art history and museum studies.

Pages:

1. Home
 - a. This page serves as a landing page of the website. It will feature various artworks, an overview of the gallery, and links to the other pages.
2. Gallery
 - a. A page displaying the complete collection of artworks. It will include a filtering option to sort by artists, exhibition, and art style.
3. Artist Profiles
 - a. A page dedicated to showcasing individual artists. Each profile will include a biography and a gallery of their works.
4. Museum Profiles
 - a. A page dedicated to showcasing famous art museums around the world. Each profile will include a description and famous works at each museum.
5. Exhibitions
 - a. A page listing current and upcoming exhibitions. It will provide details about each exhibit, including dates, featured artists, and ticket information.

Data Storage, Manipulation, and Viewing

1. Artworks
 - a. Information about each artwork, including title, artists, medium, and image. This data will be stored in a database and can be viewed by users. Only administrators will have the ability to add, edit, or delete.
2. Artists
 - a. Information about each artist, including name, biography, and list of their works. This data will be accessible to users but editable by administrators only.
3. Museums

- a. Information about each museum, including name, location, and list of works. This data will be accessible to users but editable by administrators only.
- 4. Exhibitions
 - a. Details of current and upcoming exhibitions, including name, dates, featured artists, and ticket information. This information will be stored in the database and updated by administrators
- 5. User Data
 - a. Information on registered users, including usernames and passwords. Users can create accounts to manage their preferences and view their purchase history.