**🖼️ Virtual Art Gallery**

**📌 Project Overview**

The **Virtual Art Gallery** is a web-based interactive gallery built using **HTML, CSS, and JavaScript**.  
This project provides users with an immersive experience to explore a themed collection of artworks, with smooth navigation, animations, and interactivity.

**🎯 Objectives**

* Develop a **virtual art gallery** with interactive, 3D-like navigation.
* Use **HTML** for structure and layout.
* Apply **CSS** for styling, responsiveness, transitions, and animations.
* Implement **JavaScript** for interactivity (zoom, navigation, info popups, etc.).
* Deliver an **immersive and user-friendly experience** for exploring artworks.

**🚀 Features**

* 🎨 Themed art collection (e.g., modern art, photography, classical paintings)
* 🖥️ Responsive, mobile-friendly design
* 🔄 Smooth transitions & animations for navigation
* 🔍 Zoom-in functionality for artwork details
* ℹ️ Popups with **artwork information** (artist, title, year, description)
* 🎶 Optional **background music** for an immersive atmosphere
* ⬅️➡️ Navigation controls for moving between artworks

**🛠️ Technologies Used**

* **HTML5** → Content structure
* **CSS3** → Styling, animations, and responsive design
* **JavaScript (ES6+)** → Interactivity & navigation logic

**📂 Project Structure**

virtual-art-gallery/

│── index.html # Main gallery structure

│── style.css # Styling and animations

│── script.js # Interactivity and navigation

│── assets/ # Folder containing artwork images & media

│── README.md # Documentation (this file)

│── project-report.pdf # Project documentation (deliverable)

│── presentation.pptx # Project demo slides (deliverable)

**📖 How to Use**

1. Clone or download this project.
2. Place all artwork images inside the **assets/** folder.
3. Open index.html in your web browser.
4. Navigate through the gallery using:
   * **Arrow buttons/keyboard keys** to move between artworks
   * **Zoom controls** to focus on details
   * **Info buttons** to see artwork details
5. (Optional) Enjoy background music if enabled.

**⚠️ Project Guidelines Followed**

* ✅ Chosen theme with curated artworks
* ✅ HTML structure for gallery and navigation
* ✅ CSS styling with transitions & animations
* ✅ JavaScript for interactivity (zoom, info popups, navigation)
* ✅ Responsive design for mobile & desktop
* ✅ Accessible & user-friendly experience

**🎓 Project Deliverables**

* 🌐 **Virtual Art Gallery Website** (HTML, CSS, JavaScript, assets)
* 📑 **PDF Report** → Concept, approach, and design documentation
* 🎤 **Presentation/Demo** of the virtual gallery

**📊 Evaluation Criteria**

* 🎨 Creativity in theme & artwork selection
* 💻 Implementation of **HTML, CSS, JavaScript**
* 🤝 User experience & interactivity
* 🎤 Presentation & demonstration of the gallery