<u>NFT Gallery</u>

Project Overview

The NFT Gallery is a web app built with React that displays digital art, known as NFTs, in a simple and clean design. Users can look through different NFT collections, view more details about each one in a modal, and use sorting option to sort on price based

Core Features

1. **NFT Display**

   Each NFT is displayed as a card with:

   - Image
   - Name
   - Artist
   - Price

   Cards are uniform in size and responsive.

2. **Modal Details View**

   Clicking "View Details" opens a modal overlay showing:

   - Larger NFT image
   - Name, artist, price
   - Description

   Users can close modal by clicking the × button or outside the modal.

3. **Sorting & Filtering**
   - Sort NFTs by price (Low to High / High to Low).
   - Filter bar implemented at the top of the gallery.

4. Responsive Layout

Cards adjust automatically for different screen sizes:

- Desktop: 3 cards per row
- Tablet: 2 cards per row
- Mobile: 1 card per row

Modal and cards adapt to screen width for optimal viewing.

5. Modern & Minimalist UI
- CSS Grid for card layout
- Flexbox for card content alignment
- Hover animations for cards
- Smooth modal fade-in animation

How It Works

1. **Home Page**
   - Renders a grid of NFT cards using NFTCard component.
   - Sorting/filtering is handled by FilterBar.
2. **Card Interaction**
   - Clicking "View Details" calls a function that sets the **selected NFT** in state.
   - Modal component uses this state to display NFT details.
3. **Modal**
   - Appears above the gallery when triggered.
   - Can be closed by:
     - Clicking the close button (×)
     - Clicking outside the modal overlay
4. **Responsiveness**
   - CSS Grid and Flexbox ensure cards resize and rearrange based on device screen width.