project

└───public

│ └───images

│ │ product1.jpg

│ │ product2.jpg

│ │ ...

│

└───src

│ App.js

│ ProductList.js

│ productData.json

│ index.js

│ styles.css

App.js

import React from 'react';

import ProductList from './ProductList';

import productData from './productData.json';

const App = () => {

return (

<div>

<h1>Product List</h1>

<ProductList products={productData} />

</div>

);

};

export default App;

//ProductList.js

import React from 'react';

import './styles.css';

const ProductList = ({ products }) => {

return (

<div className="product-list">

{products.map((product, index) => (

<div key={index} className="product-container">

<h2>{product.name}</h2>

<p>{product.description}</p>

<p>Price: ${product.price}</p>

<img src={product.imagePath} alt={`Product ${index + 1}`} />

<button className="button">Add to Cart</button>

</div>

))}

</div>

);

};

export default ProductList;

//productData.json

[

{

"name": "Product 1",

"description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit.",

"price": 19.99,

"imagePath": "/images/product1.jpg"

},

{

"name": "Product 2",

"description": "Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.",

"price": 29.99,

"imagePath": "/images/product2.jpg"

},

...

]

//style.css

.product-list {

display: flex;

flex-wrap: wrap;

justify-content: space-around;

padding: 20px;

}

.product-container {

margin: 20px;

padding: 20px;

border: 1px solid #ccc;

border-radius: 10px;

max-width: calc(50% - 40px);

width: 100%;

text-align: center;

background-color: #fff;

box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

}

.product-container img {

max-width: 100%;

height: auto;

}

.product-container h2 {

margin-bottom: 10px;

font-size: 20px;

color: #333;

}

.product-container p {

color: #666;

}

.button {

background-color: #ffd700;

color: #333;

border: none;

padding: 10px 20px;

border-radius: 5px;

font-size: 16px;

cursor: pointer;

margin-top: 20px;

width: 100%;

box-sizing: border-box;

}