

App.js

```
import React, { useState } from 'react';

import { BrowserRouter as Router, Route, Routes, Link, Navigate } from 'react-router-dom';

import AlbumList from './Components/AlbumList';

import AddAlbumForm from './Components/AddAlbumForm';
```

```
function App() {

  const [albums, setAlbums] = useState([]);


  const handleSaveAlbum = (newAlbum) => {

    setAlbums([...albums, { id: Date.now(), ...newAlbum }]);

  };


  const handleDeleteAlbum = (albumId) => {

    const updatedAlbums = albums.filter((album) => album.id !== albumId);

    setAlbums(updatedAlbums);

    alert('Album deleted successfully.');
```

```
  };

  return (

    <Router>

      <div>

        <nav className="navbar navbar-expand-lg navbar-dark bg-dark">

          <div className="container-fluid" color='white'>
```

```

<Link className="navbar-brand" to="/albums">

  Music Store

</Link>

<div className="collapse navbar-collapse" id="navbarNav" color='white'>

  <ul className="navbar-nav">

    <li className="nav-item">

      <Link className="nav-link" to="/albums">

        Album List

      </Link>

    </li>

    <li className="nav-item">

      <Link className="nav-link" to="/add-album">

        Add Album

      </Link>

    </li>

  </ul>

</div>

</div>

</nav>

<Routes>

  <Route

    path="/albums"

    element={<AlbumList albums={albums} onDelete={handleDeleteAlbum} />}

```

```

    />

    <Route
      path="/add-album"
      element={<AddAlbumForm onSave={handleSaveAlbum} />}
    />

    <Route path="/*" element={<Navigate to="/albums" />} />

  </Routes>

</div>

</Router>

);
}

export default App;

```

AlbumList.js

```

import React from 'react';

const AlbumList = ({ albums, onDelete }) => {
  return (
    <div className="container mt-4">
      <h2 className="mb-4">Album List</h2>
      <table className="table">

```

```

<thead>

<tr>

  <th>Album ID</th>

  <th>Title</th>

  <th>Artist</th>

  <th>Price</th>

  <th>Actions</th>

</tr>

</thead>

<tbody>

{albums.map((album) => (

  <tr key={album.id}>

    <td>{album.albumId}</td>

    <td>{album.title}</td>

    <td>{album.artist}</td>

    <td>{album.price}</td>

    <td>

      <button className="btn btn-danger" onClick={() => onDelete(album.id)}>

        Delete

      </button>

    </td>

  </tr>

)}}

</tbody>

```

```

        </table>

    </div>

    );

};

export default AlbumList;

```

AddAlbumForm.js

```

import React, { useState } from 'react';

const AddAlbumForm = ({ onSave }) => {

    const [albumId, setAlbumId] = useState("");

    const [title, setTitle] = useState("");

    const [artist, setArtist] = useState("");

    const [price, setPrice] = useState("");

    const handleSave = () => {

        if (albumId && title && artist && price) {

            onSave({ albumId, title, artist, price });

            setAlbumId("");

            setTitle("");

            setArtist("");

```

```

    setPrice("");
  } else {
    alert('Please fill all the required fields.');
```

}

```

  };

  return (
    <div className="container mt-4">
      <h2 className="mb-4">Add Album</h2>
      <form>
        <div className="mb-3">
          <label htmlFor="albumId" className="form-label">
            Album ID:
          </label>
          <input
            type="number"
            className="form-control"
            id="albumId"
            placeholder='enter album ID'
            required
            value={albumId}
            onChange={(e) => setAlbumId(e.target.value)}
          />
          <label htmlFor="title" className="form-label">

```

```
Title:
</label>

<input
  type="text"
  className="form-control"
  id="title"
  placeholder='enter title'
  required
  value={title}
  onChange={(e) => setTitle(e.target.value)}
/>
</div>

<div className="mb-3">
  <label htmlFor="artist" className="form-label">
    Artist:
  </label>
  <input
    type="text"
    className="form-control"
    id="artist"
    placeholder='Enter artist name'
    required
    value={artist}
    onChange={(e) => setArtist(e.target.value)}
```

```

    />
  </div>
  <div className="mb-3">
    <label htmlFor="price" className="form-label">
      Price:
    </label>
    <input
      type="number"
      className="form-control"
      id="price"
      placeholder='enter price'
      required
      value={price}
      onChange={(e) => setPrice(e.target.value)}
    />
  </div>
  <button type="button" className="btn btn-success" onClick={handleSave}>
    Save Album
  </button>
</form>
</div>
);
};

```



```
export default AddAlbumForm;
```

output:







