**INDEX**

**import React from 'react';**

**import ReactDOM from 'react-dom/client';**

**import './index.css';**

**import App from './App';**

**const root = ReactDOM.createRoot(document.getElementById('root'));**

**root.render(**

**<React.StrictMode>**

**<App />**

**</React.StrictMode>**

**);**

**APP**

**import "./App.css";**

**import Header from "./components/Header/Header";**

**import Set from "./components/Set/Set";**

**import Forms from "./components/Forms/Forms";**

**import Navegador from "./components/Navegador/Navegador";**

**import Footer from "./components/Footer/Footer";**

**function App() {**

**return (**

**<div className="App">**

**<header className="App-header">**

**<Header />**

**</header>**

**<main>**

**<body className="App-body">**

**<Set />**

**</body>**

**<section className="App-forms">**

**<Forms />**

**<Navegador />**

**</section>**

**</main>**

**<footer className="App-footer">**

**<Footer />**

**</footer>**

**</div>**

**);**

**}**

**export default App;**

**COMPONENTS**

**import "./Button.css";**

**const Button = ({ text, onClick, ...props }) => {**

**return (**

**<div className="containerButton">**

**<button**

**className="button-input"**

**type={props.type}**

**onClick={(event) => {**

**event.preventDefault();**

**onClick()**

**}}>**

**{text}**

**</button>**

**</div>**

**);**

**};**

**export default Button;**

**import './Footer.css'**

**const Footer = () => {**

**return(**

**<footer className='containerFooter'>**

**<p>© 2024 Todos os diretos reservados.</p>**

**</footer>**

**)**

**}**

**export default Footer;**

**import "./Forms.css";**

**import FormsInput from "../FormsInput/FormsInput";**

**import Button from "../Button/Button";**

**const Forms = () => {**

**return (**

**<div className="containerForms">**

**<form className="boxForms">**

**<FormsInput inputName="Nome" id="nome" type="text" />**

**<FormsInput inputName="Email" id="email" type="email" />**

**<FormsInput inputName="Feedback" id="feedback" type="text" />**

**<div className="botaoForms">**

**<Button**

**text="Enviar"**

**type="submit"**

**onClickText="Feedback enviado com sucesso."**

**/>**

**</div>**

**</form>**

**</div>**

**);**

**};**

**export default Forms;**

**import "./FormsInput.css";**

**const FormsInput = ({ inputName, onChange, ...props }) => {**

**return (**

**<div className="containerFormsInput">**

**<label htmlFor={props.id}>{inputName}: </label>**

**<input type={props.type} onChange={onChange} {...props}></input>**

**</div>**

**);**

**};**

**export default FormsInput;**

**import "./Header.css";**

**const Header = () => {**

**return (**

**<div className='containerHeader'>**

**<h1>Studio MP3</h1>**

**<h2>**

**<em>Seja bem vindo ao palco mp3 das suas músicas favoritas</em>**

**</h2>**

**</div>**

**);**

**};**

**export default Header;**

**import './Music.css'**

**const Music = ({music}) => {**

**return (**

**<li className="lineMusic">**

**<img src={music.capa} alt={music.nome} />**

**<h4>{music.nome}</h4>**

**<p>{music.anoLancamento}</p>**

**</li>**

**);**

**};**

**export default Music;**

**import './Navegador.css'**

**const Navegador = () => {**

**return(**

**<nav className='containerNav'>**

**<ul className='blocoNav'>**

**<li className='lineNav'>Top 10 musicas Brasil</li>**

**<li className='lineNav'>Melhores do Rock</li>**

**<li className='lineNav'>Top 10 musicas Internacionais</li>**

**<li className='lineNav'>Monte sua playlist</li>**

**<li className='lineNav'>Melhores do Funk</li>**

**<li className='lineNav'>Melhores do Samba</li>**

**<li className='lineNav'>Top 10 da semana</li>**

**<li className='lineNav'>Seu Histórico</li>**

**<li className='lineNav'>Descubra</li>**

**</ul>**

**</nav>**

**)**

**}**

**export default Navegador;**

**import "./Set.css";**

**import { useEffect, useState } from "react";**

**import FormsInput from "../FormsInput/FormsInput";**

**import Button from "../Button/Button";**

**import Music from "../Music/Music";**

**const Set = () => {**

**const [music, setMusics] = useState([]);**

**useEffect(() => {**

**//useEffect controla o ciclo de vida da aplicação, primeiro parâmetro é uma função no qual deseja que ele execute.**

**//O segundo parâmentro é para caso haja alguma mudança na aplicação, é uma variável de estado, seja qual for a mudança, ele irá chamar novamente a função.**

**getMusic();**

**}, []);**

**const [musicForm, setMusicForm] = useState({**

**nome: "",**

**capa: "",**

**anoLancamento: "",**

**banda: "",**

**});**

**const handleClick = async () => {**

**const response = await fetch("http://localhost:3005/mp3", {**

**method: "POST",**

**header: new Headers({**

**"Content-type": "application/json",**

**}),**

**body: JSON.stringify(musicForm),**

**});**

**const data = await response.json();**

**alert(`Música ${data.nome} cadastrada com sucesso!`);**

**getMusic();**

**setMusicForm({**

**nome: "",**

**capa: "",**

**anoLancamento: "",**

**banda: "",**

**});**

**};**

**const handleFiledsChange = (event) => {**

**setMusicForm({**

**...musicForm,**

**[event.target.name]: event.target.value,**

**});**

**};**

**const getMusic = async () => {**

**const response = await fetch("http://localhost:3005/mp3");**

**const data = await response.json();**

**setMusics(data);**

**};**

**return (**

**<div className="containerSet">**

**<section className="secSet">**

**<form className="form">**

**<h2>Cadastre sua música favorita:</h2>**

**<FormsInput**

**inputName="Nome"**

**id="nome"**

**name="nome"**

**type="text"**

**value={musicForm.nome}**

**onChange={(event) => handleFiledsChange(event)}**

**/>**

**<FormsInput**

**inputName="Capa(URL)"**

**id="capa"**

**name="capa"**

**type="text"**

**value={musicForm.capa}**

**onChange={(event) => handleFiledsChange(event)}**

**/>**

**<FormsInput**

**inputName="Ano de Lançamento"**

**id="anoLancamento"**

**name="anoLancamento"**

**type="text"**

**value={musicForm.anoLancamento}**

**onChange={(event) => handleFiledsChange(event)}**

**/>**

**<FormsInput**

**inputName="Banda"**

**id="banda"**

**name="banda"**

**type="text"**

**value={musicForm.banda}**

**onChange={(event) => handleFiledsChange(event)}**

**/>**

**<Button text="Cadastrar" type="submit" onClick={handleClick} />**

**</form>**

**<ul className="listMusics">**

**{music.map((music, index) => (**

**<Music music={music} key={index} />**

**))}**

**</ul>**

**</section>**

**</div>**

**);**

**};**

**export default Set;**