

Frontend

Public>list.json:

```
[
  {
    "id": 1,
    "name": "Story Book",
    "title": "this book is very good to read",
    "price": 0,
    "category": "Free",
    "image": "https://img.freepik.com/free-vector/books-stack-realistic_1284-4735.jpg?t=st=1737116871~exp=1737120471~hmac=5132678087f45228a3f4b0207937ba7f4f709c837c179d02241b51e11245e30e&w=740"
  },.....]
```

Tailwind.config.js:

```
/** @type {import('tailwindcss').Config} */
export default {
  content: ["/index.html", "./src/**/*.{js,ts,jsx,tsx}"],
  darkMode: "class",
  theme: {
    extend: {},
  },
  plugins: [require("daisyui")],
};
```

Src:>App.jsx:

```
import React from "react";
import Home from "./home/Home";
import { Navigate, Route, Routes } from "react-router-dom";
import Courses from "./courses/Courses";
import Signup from "./components/Signup";
import { Toaster } from "react-hot-toast";
import { useAuth } from "./context/AuthProvider";

function App() {
  const [authUser, setAuthUser] = useAuth();
  console.log(authUser);
  return (
    <>
      <div className="dark:bg-slate-900 dark:text-white">
        <Routes>
          <Route path="/" element={<Home />} />
          <Route
            path="/course"
            element={authUser ? <Courses /> : <Navigate to="/signup" />}
          />
          <Route path="/signup" element={<Signup />} />
        </Routes>
      </div>
    </>
  );
}
```

```

        <Toaster />
      </div>
    </>
  );
}
export default App;

```

index.css:

```

@import
url("https://fonts.googleapis.com/css2?family=Fredoka:wght@300..700&family=Poppins:wght@500&display=swap");

```

```

@tailwind base;
@tailwind components;
@tailwind utilities;

```

```

body {
  font-family: "Poppins", sans-serif;
}

```

Main.jsx:

```

import React from "react";
import ReactDOM from "react-dom/client";
import App from "./App.jsx";
import "./index.css";
import { BrowserRouter } from "react-router-dom";
import AuthProvider from "./context/AuthProvider.jsx";

```

```

ReactDOM.createRoot(document.getElementById("root")).render(
  <BrowserRouter>
    <AuthProvider>
      <div className="dark:bg-slate-900 dark:text-white">
        <App />
      </div>
    </AuthProvider>
  </BrowserRouter>
);

```

Src>components>

Banner.jsx:

```

import React from "react";
import banner from "../../public/Banner.png";
function Banner() {
  return (
    <>
      <div className="max-w-screen-2xl container mx-auto md:px-20 px-4 flex flex-col md:flex-row my-10">
        <div className="w-full order-2 md:order-1 md:w-1/2 mt-12 md:mt-36">

```

```

<div className="space-y-8">
  <h1 className="text-2xl md:text-4xl font-bold">
    Hello, welcomes here to learn something{" "}
    <span className="text-pink-500">new everyday!!!</span>
  </h1>
  <p className="text-sm md:text-xl">
    Lorem, ipsum dolor sit amet consectetur adipisicing elit. Dolor,
    et totam. Tempora amet atque expedita, quae corrupti totam sed
    pariat corporis at veniam est voluptas animi!
  </p>
  <label className="input input-bordered flex items-center gap-2">
    <svg
      xmlns="http://www.w3.org/2000/svg"
      viewBox="0 0 16 16"
      fill="currentColor"
      className="w-4 h-4 opacity-70"
    >
      <path d="M2.5 3A1.5 1.5 0 0 0 1 4.5v.793c.026.009.051.02.076.032L7.674
8.51c.206.144.1.652 0 1.652 0 1.652 3.185A.755.755 0 0 1 15 5.293V4.5A1.5 1.5 0 0 0 13.5 3h-11Z" />
      <path d="M15 6.954 8.978 9.86a2.25 2.25 0 0 1-1.956 0L1 6.954V11.5A1.5 1.5 0 0 0 2.5
13h11a1.5 1.5 0 0 0 1.5-1.5V6.954Z" />
    </svg>
    <input type="text" className="grow" placeholder="Email" />
  </label>
</div>
<button className="btn mt-6 btn-secondary">Get Started</button>
</div>
<div className=" order-1 w-full mt-20 md:w-1/2">
  <img
    src={banner}
    className="md:w-[550px] md:h-[460px] md:ml-12"
    alt=""
  />
</div>
</div>
</>
);
}
export default Banner;

```

Cards.jsx:

```
import React from "react";
```

```

function Cards({ item }) {
  return (
    <>
      <div className="mt-4 my-3 p-3">

```

```

    <div className="card w-92 bg-base-100 shadow-xl hover:scale-105 duration-200 dark:bg-slate-
900 dark:text-white dark:border">
      <figure>
        <img src={item.image} alt="Books" />
      </figure>
      <div className="card-body">
        <h2 className="card-title">
          {item.name}
          <div className="badge badge-secondary">{item.category}</div>
        </h2>
        <p>{item.title}</p>
        <div className="card-actions justify-between">
          <div className="badge badge-outline">${item.price}</div>
          <div className=" cursor-pointer px-2 py-1 rounded-full border-[2px] hover:bg-pink-500
hover:text-white duration-200">
            Buy Now
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
</div>
);
}

```

export default Cards;

Course.jsx:

```

import React, { useEffect, useState } from "react";
import Cards from "./Cards";
// import list from "../public/list.json";
import axios from "axios";
import { Link } from "react-router-dom";
function Course() {
  const [book, setBook] = useState([]);
  useEffect(() => {
    const getBook = async () => {
      try {
        const res = await axios.get("http://localhost:4001/book");
        console.log(res.data);
        setBook(res.data);
      } catch (error) {
        console.log(error);
      }
    };
    getBook();
  }, []);
  return (

```

```

<>
<div className="max-w-screen-2xl container mx-auto md:px-20 px-4">
  <div className="mt-28 items-center justify-center text-center">
    <h1 className="text-2xl md:text-4xl">
      We're delighted to have you{" "}
      <span className="text-pink-500"> Here! :)</span>
    </h1>
    <p className="mt-12">
      Lorem ipsum dolor sit, amet consectetur adipisicing elit. Porro,
      assumenda? Repellendus, iste corrupti? Tempore laudantium
      repellendus accusamus accusantium sed architecto odio, nisi expedita
      quas quidem nesciunt debitis dolore non aspernatur praesentium
      assumenda sint quibusdam, perspiciatis, explicabo sequi fugiat amet
      animi eos aut. Nobis quisquam reiciendis sunt quis sed magnam
      consequatur!
    </p>
    <Link to="/">
      <button className="mt-6 bg-pink-500 text-white px-4 py-2 rounded-md hover:bg-pink-700
duration-300">
        Back
      </button>
    </Link>
  </div>
  <div className="mt-12 grid grid-cols-1 md:grid-cols-4">
    {book.map((item) => (
      <Cards key={item.id} item={item} />
    ))}
  </div>
</div>
</>
);
}
export default Course;

```

Footer.jsx:

```
import React from "react";
```

```

function Footer() {
  return (
    <div>
      <hr />
      <footer className="footer footer-center p-10 text-base-content rounded dark:bg-slate-900
dark:text-white">
        <nav className="grid grid-flow-col gap-4">
          <a className="link link-hover">About us</a>
          <a className="link link-hover">Contact</a>
          <a className="link link-hover">Jobs</a>
          <a className="link link-hover">Press kit</a>

```

</nav>

<nav>

<div className="grid grid-flow-col gap-4">

<a>

<svg

xmlns="http://www.w3.org/2000/svg"

width="24"

height="24"

viewBox="0 0 24 24"

className="fill-current"

>

<path d="M24 4.557c-.883.392-1.832.656-2.828.775 1.017-.609 1.798-1.574 2.165-2.724-.951.564-2.005.974-3.127 1.195-.897-.957-2.178-1.555-3.594-1.555-3.179 0-5.515 2.966-4.797 6.045-4.091-.205-7.719-2.165-10.148-5.144-1.29 2.213-.669 5.108 1.523 6.574-.806-.026-1.566-.247-2.229-.616-.054 2.281 1.581 4.415 3.949 4.89-.693.188-1.452.232-2.224.084.626 1.956 2.444 3.379 4.6 3.419-2.07 1.623-4.678 2.348-7.29 2.04 2.179 1.397 4.768 2.212 7.548 2.212 9.142 0 14.307-7.721 13.995-14.646.962-.695 1.797-1.562 2.457-2.549z"></path>

</svg>

<a>

<svg

xmlns="http://www.w3.org/2000/svg"

width="24"

height="24"

viewBox="0 0 24 24"

className="fill-current"

>

<path d="M19.615 3.184c-3.604-.246-11.631-.245-15.23 0-3.897.266-4.356 2.62-4.385 8.816.029 6.185.484 8.549 4.385 8.816 3.6.245 11.626.246 15.23 0 3.897-.266 4.356-2.62 4.385-8.816-.029-6.185-.484-8.549-4.385-8.816zm-10.615 12.816v-8l8 3.993-8 4.007z"></path>

</svg>

<a>

<svg

xmlns="http://www.w3.org/2000/svg"

width="24"

height="24"

viewBox="0 0 24 24"

className="fill-current"

>

<path d="M9 8h-3v4h3v12h5v-12h3.642l.358-4h-4v-1.667c0-.955.192-1.333 1.115-1.333h2.885v-5h-3.808c-3.596 0-5.192 1.583-5.192 4.615v3.385z"></path>

</svg>

</div>

</nav>

<aside>

<p>Copyright © 2024 - All right reserved by ACME Industries Ltd</p>

```

    </aside>
  </footer>
</div>
);
}

```

export default Footer;

Freebook.jsx:

```
import React, { useEffect, useState } from "react";
```

```
import "slick-carousel/slick/slick.css";
```

```
import "slick-carousel/slick/slick-theme.css";
```

```
import Slider from "react-slick";
```

```
import axios from "axios";
```

```
import Cards from "../Cards";
```

```
function Freebook() {
```

```
  const [book, setBook] = useState([]);
```

```
  useEffect(() => {
```

```
    const getBook = async () => {
```

```
      try {
```

```
        const res = await axios.get("http://localhost:4001/book");
```

```
        const data = res.data.filter((data) => data.category === "Free");
```

```
        console.log(data);
```

```
        setBook(data);
```

```
      } catch (error) {
```

```
        console.log(error);
```

```
      }
```

```
    };
```

```
    getBook();
```

```
  }, []);
```

```
var settings = {
```

```
  dots: true,
```

```
  infinite: false,
```

```
  speed: 500,
```

```
  slidesToShow: 3,
```

```
  slidesToScroll: 3,
```

```
  initialSlide: 0,
```

```
  responsive: [
```

```
    {
```

```
      breakpoint: 1024,
```

```
      settings: {
```

```
        slidesToShow: 3,
```

```
        slidesToScroll: 3,
```

```

    infinite: true,
    dots: true,
  },
},
{
  breakpoint: 600,
  settings: {
    slidesToShow: 2,
    slidesToScroll: 2,
    initialSlide: 2,
  },
},
{
  breakpoint: 480,
  settings: {
    slidesToShow: 1,
    slidesToScroll: 1,
  },
},
],
};
return (
  <>
    <div className=" max-w-screen-2xl container mx-auto md:px-20 px-4">
      <div>
        <h1 className="font-semibold text-xl pb-2">Free Offered Courses</h1>
        <p>
          Lorem ipsum dolor sit amet, consectetur adipisicing elit.
          Accusantium veritatis alias pariatur ad dolor repudiandae eligendi
          corporis nulla non suscipit, iure neque earum?
        </p>
      </div>

      <div>
        <Slider {...settings}>
          {book.map((item) => (
            <Cards item={item} key={item.id} />
          ))}
        </Slider>
      </div>
    </div>
  </>
);
}
export default Freebook;

```

Login.jsx:

```
import React from "react";
```



```

import { Link } from "react-router-dom";
import { useForm } from "react-hook-form";
import axios from "axios";
import toast from "react-hot-toast";
function Login() {
  const {
    register,
    handleSubmit,
    formState: { errors },
  } = useForm();

  const onSubmit = async (data) => {
    const userInfo = {
      email: data.email,
      password: data.password,
    };
    await axios
      .post("http://localhost:4001/user/login", userInfo)
      .then((res) => {
        console.log(res.data);
        if (res.data) {
          toast.success("Loggedin Successfully");
          document.getElementById("my_modal_3").close();
          setTimeout(() => {
            window.location.reload();
            localStorage.setItem("Users", JSON.stringify(res.data.user));
          }, 1000);
        }
      })
      .catch((err) => {
        if (err.response) {
          console.log(err);
          toast.error("Error: " + err.response.data.message);
          setTimeout(() => {}, 2000);
        }
      });
  };

  return (
    <div>
      <dialog id="my_modal_3" className="modal">
        <div className="modal-box">
          <form onSubmit={handleSubmit(onSubmit)} method="dialog">
            /* if there is a button in form, it will close the modal */
            <Link
              to="/"
              className="btn btn-sm btn-circle btn-ghost absolute right-2 top-2"
              onClick={() => document.getElementById("my_modal_3").close()}
            >

```

×

</Link>

<h3 className="font-bold text-lg">Login</h3>

{/* Email */}

<div className="mt-4 space-y-2">

Email

<input

type="email"

placeholder="Enter your email"

className="w-80 px-3 py-1 border rounded-md outline-none"

{...register("email", { required: true })}

/>

{errors.email && (

This field is required

)}

</div>

{/* password */}

<div className="mt-4 space-y-2">

Password

<input

type="password"

placeholder="Enter your password"

className="w-80 px-3 py-1 border rounded-md outline-none"

{...register("password", { required: true })}

/>

{errors.password && (

This field is required

)}

</div>

{/* Button */}

<div className="flex justify-around mt-6">

<button className="bg-pink-500 text-white rounded-md px-3 py-1 hover:bg-pink-700 duration-200">

Login

</button>

<p>

Not registered?{" "}

<Link

```

        to="/signup"
        className="underline text-blue-500 cursor-pointer"
      >
        Signup
      </Link>{" "}
    </p>
  </div>
</form>
</div>
</dialog>
</div>
);
}

```

export default Login;

Logout.jsx:

```

import React from "react";
import { useAuth } from "../context/AuthProvider";
import toast from "react-hot-toast";

function Logout() {
  const [authUser, setAuthUser] = useAuth();
  const handleLogout = () => {
    try {
      setAuthUser({
        ...authUser,
        user: null,
      });
      localStorage.removeItem("Users");
      toast.success("Logout successfully");

      setTimeout(() => {
        window.location.reload();
      }, 3000);
    } catch (error) {
      toast.error("Error: " + error);
      setTimeout(() => {}, 2000);
    }
  };

  return (
    <div>
      <button
        className="px-3 py-2 bg-red-500 text-white rounded-md cursor-pointer"
        onClick={handleLogout}
      >
        Logout
      </button>
    </div>
  );
}

```

```

    </div>
  );
}
export default Logout;

```

Navbar.jsx:

```

import React, { useEffect } from "react";
import { useState } from "react";
import Login from "./Login";
import Logout from "./Logout";
import { useAuth } from "../context/AuthProvider";

function Navbar() {
  const [authUser, setAuthUser] = useAuth();
  const [theme, setTheme] = useState(
    localStorage.getItem("theme") ? localStorage.getItem("theme") : "light"
  );
  const element = document.documentElement;
  useEffect(() => {
    if (theme === "dark") {
      element.classList.add("dark");
      localStorage.setItem("theme", "dark");
      document.body.classList.add("dark");
    } else {
      element.classList.remove("dark");
      localStorage.setItem("theme", "light");
      document.body.classList.remove("dark");
    }
  }, [theme]);

  const [sticky, setSticky] = useState(false);
  useEffect(() => {
    const handleScroll = () => {
      if (window.scrollY > 0) {
        setSticky(true);
      } else {
        setSticky(false);
      }
    };
    window.addEventListener("scroll", handleScroll);
    return () => {
      window.removeEventListener("scroll", handleScroll);
    };
  }, []);
  const navItems = (
    <>
      <li>
        <a href="/">Home</a>

```

```

</li>
<li>
  <a href="/course">Course</a>
</li>
<li>
  <a>Contact</a>
</li>
<li>
  <a>About</a>
</li>
</>
);
return (
  <>
    <div
      className={` max-w-screen-2xl container mx-auto md:px-20 px-4 dark:bg-slate-800 dark:text-
white fixed top-0 left-0 right-0 z-50 ${
        sticky
          ? "sticky-navbar shadow-md bg-base-200 dark:bg-slate-700 dark:text-white duration-300
transition-all ease-in-out"
          : ""
        }}
    >
    <div className="navbar ">
      <div className="navbar-start">
        <div className="dropdown">
          <div
            tabIndex={0}
            role="button"
            className="btn btn-ghost lg:hidden"
          >
            <svg
              xmlns="http://www.w3.org/2000/svg"
              className="h-5 w-5"
              fill="none"
              viewBox="0 0 24 24"
              stroke="currentColor"
            >
              <path
                strokeLinecap="round"
                strokeLinejoin="round"
                strokeWidth="2"
                d="M4 6h16M4 12h16M4 18h16"
              />
            </svg>
          </div>
          <ul
            tabIndex={0}

```

```

        className="menu menu-sm dropdown-content mt-3 z-[1] p-2 shadow bg-base-100
rounded-box w-52"
    >
        {navItems}
    </ul>
</div>
<a className=" text-2xl font-bold cursor-pointer">bookStore</a>
</div>
<div className="navbar-end space-x-3">
    <div className="navbar-center hidden lg:flex">
        <ul className="menu menu-horizontal px-1">{navItems}</ul>
    </div>
    <div className="hidden md:block">
        <label className=" px-3 py-2 border rounded-md flex items-center gap-2">
            <input
                type="text"
                className="grow outline-none rounded-md px-1 dark:bg-slate-900 dark:text-white"
                placeholder="Search"
            />
            <svg
                xmlns="http://www.w3.org/2000/svg"
                viewBox="0 0 16 16"
                fill="currentColor"
                className="w-4 h-4 opacity-70"
            >
                <path
                    fillRule="evenodd"
                    d="M9.965 11.026a5 5 0 1 1 1.061-2.755 2.754a.75.75 0 1 1-1.061 2.755-
2.754ZM10.5 7a3.5 3.5 0 1 1-7 0 3.5 3.5 0 0 1 7 0Z"
                    clipRule="evenodd"
                />
            </svg>
        </label>
    </div>
    <label className="swap swap-rotate">
        {/* this hidden checkbox controls the state */}
        <input
            type="checkbox"
            className="theme-controller"
            value="synthwave"
        />

        {/* sun icon */}
        <svg
            className="swap-off fill-current w-7 h-7"
            xmlns="http://www.w3.org/2000/svg"
            viewBox="0 0 24 24"
            onClick={() => setTheme(theme === "dark" ? "light" : "dark")}

```

```

>
    <path    d="M5.64,17l-.71.71a1,1,0,0,0,1.41,1,1,0,0,0,1.41,0l.71-
.71A1,1,0,0,0,5.64,17ZM5,12a1,1,0,0,0-1-1H3a1,1,0,0,0,2H4A1,1,0,0,0,5,12Zm7-7a1,1,0,0,0,1-
1V3a1,1,0,0,0-2,0V4A1,1,0,0,0,12,5ZM5.64,7.05a1,1,0,0,0,.729,1,1,0,0,0,.71-.29,1,1,0,0,0-1.41l-
.71-.71A1,1,0,0,0,4.93,6.34Zm12,.29a1,1,0,0,0,.7-.29l.71-.71a1,1,0,1,0-1.41-
1.41l17,5.64a1,1,0,0,0,1.41A1,1,0,0,0,17.66,7.34ZM21,11H20a1,1,0,0,0,0,2h1a1,1,0,0,0-2Zm-
9,8a1,1,0,0,0-
1,1v1a1,1,0,0,0,2,0V20A1,1,0,0,0,12,19ZM18.36,17A1,1,0,0,0,17,18.36l.71.71a1,1,0,0,0,1.41,0,1,1
,0,0,0,0-
1.41ZM12,6.5A5.5,5.5,0,1,0,17.5,12,5.51,5.51,0,0,0,12,6.5Zm0,9A3.5,3.5,0,1,1,15.5,12,3.5,3.5,0,0,
1,12,15.5Z" />
</svg>

{ /* moon icon */}
<svg
  className="swap-on fill-current w-7 h-7"
  xmlns="http://www.w3.org/2000/svg"
  viewBox="0 0 24 24"
  onClick={() => setTheme(theme === "light" ? "dark" : "light")}
>
    <path    d="M21.64,13a1,1,0,0,0-1.05-.14,8.05,8.05,0,0,1-
3.37,7.3A8.15,8.15,0,0,1,9.08,5.49a8.59,8.59,0,0,1,.25-
2A1,1,0,0,0,8,2.36,10.14,10.14,0,1,0,22,14.05,1,1,0,0,0,21.64,13Zm-
9.5,6.69A8.14,8.14,0,0,1,7.08,5.22v.27A10.15,10.15,0,0,0,17.22,15.63a9.79,9.79,0,0,0,2.1-
.22A8.11,8.11,0,0,1,12.14,19.73Z" />
</svg>
</label>

{authUser ? (
  <Logout />
) : (
  <div className="">
    <a
      className="bg-black text-white px-3 py-2 rounded-md hover:bg-slate-800 duration-300
cursor-pointer"
      onClick={() =>
        document.getElementById("my_modal_3").showModal()
      } >
      Login
    </a>
    <Login />
  </div>
)}
</div>
</div>
</div>
</>
);

```

```
}  
export default Navbar;
```

Signup.jsx:

```
import React from "react";  
import { Link, useLocation, useNavigate } from "react-router-dom";  
import Login from "./Login";  
import { useForm } from "react-hook-form";  
import axios from "axios";  
import toast from "react-hot-toast";  
function Signup() {  
  const location = useLocation();  
  const navigate = useNavigate();  
  const from = location.state?.from?.pathname || "/";  
  const {  
    register,  
    handleSubmit,  
    formState: { errors },  
  } = useForm();  
  const onSubmit = async (data) => {  
    const userInfo = {  
      fullname: data.fullname,  
      email: data.email,  
      password: data.password,  
    };  
    await axios  
      .post("http://localhost:4001/user/signup", userInfo)  
      .then((res) => {  
        console.log(res.data);  
        if (res.data) {  
          toast.success("Signup Successfully");  
          navigate(from, { replace: true });  
        }  
        localStorage.setItem("Users", JSON.stringify(res.data.user));  
      })  
      .catch((err) => {  
        if (err.response) {  
          console.log(err);  
          toast.error("Error: " + err.response.data.message);  
        }  
      });  
  };  
  return (  
    <>  
      <div className="flex h-screen items-center justify-center">  
        <div className="w-[600px]">  
          <div className="modal-box">  
            <form onSubmit={handleSubmit(onSubmit)} method="dialog">
```



```

{/* if there is a button in form, it will close the modal */}
<Link
  to="/"
  className="btn btn-sm btn-circle btn-ghost absolute right-2 top-2 >
    ✕
  </Link>
<h3 className="font-bold text-lg">Signup</h3>
<div className="mt-4 space-y-2">
  <span>Name</span>
  <br />
  <input
    type="text"
    placeholder="Enter your fullname"
    className="w-80 px-3 py-1 border rounded-md outline-none"
    {...register("fullname", { required: true })}
  />
  <br />
  {errors.fullname && (
    <span className="text-sm text-red-500">
      This field is required
    </span>
  )}
</div>
{/* Email */}
<div className="mt-4 space-y-2">
  <span>Email</span>
  <br />
  <input
    type="email"
    placeholder="Enter your email"
    className="w-80 px-3 py-1 border rounded-md outline-none"
    {...register("email", { required: true })}
  />
  <br />
  {errors.email && (
    <span className="text-sm text-red-500">
      This field is required
    </span>
  )}
</div>
{/* Password */}
<div className="mt-4 space-y-2">
  <span>Password</span>
  <br />
  <input
    type="text"
    placeholder="Enter your password"
    className="w-80 px-3 py-1 border rounded-md outline-none"

```

```

        {...register("password", { required: true })}
      />
    <br />
    {errors.password && (
      <span className="text-sm text-red-500">
        This field is required
      </span>
    )}
  </div>
  { /* Button */}
  <div className="flex justify-around mt-4">
    <button className="bg-pink-500 text-white rounded-md px-3 py-1 hover:bg-pink-700
duration-200">
      Signup
    </button>
    <p className="text-xl">
      Have account?{" "}
      <button
        className="underline text-blue-500 cursor-pointer"
        onClick={() =>
          document.getElementById("my_modal_3").showModal()
        }
      >
        Login
      </button>{" "}
    </Login />
    </p>
  </div>
</form>
</div>
</div>
</div>
</>
);
}
export default Signup;

```

Src>context>

AuthProvider.jsx:

```

import React, { createContext, useContext, useState } from "react";

export const AuthContext = createContext();
export default function AuthProvider({ children }) {
  const initialAuthUser = localStorage.getItem("Users");
  const [authUser, setAuthUser] = useState(
    initialAuthUser ? JSON.parse(initialAuthUser) : undefined
  );
  return (

```

```

    <AuthContext.Provider value={[authUser, setAuthUser]}>
      {children}
    </AuthContext.Provider>
  );
}
export const useAuth = () => useContext(AuthContext);

```

src>Courses>

Courses.jsx:

```

import React from "react";
import Navbar from "../components/Navbar";
import Course from "../components/Course";
import Footer from "../components/Footer";
function Courses() {
  return (
    <>
      <Navbar />
      <div className=" min-h-screen">
        <Course />
      </div>
      <Footer />
    </>
  );
}
export default Courses;

```

src>home

Home.jsx:

```

import React from "react";
import Navbar from "../components/Navbar";
import Banner from "../components/Banner";
import Freebook from "../components/Freebook";
import Footer from "../components/Footer";

function Home() {
  return (
    <>
      <Navbar />
      <Banner />
      <Freebook />
      <Footer />
    </>
  );
}

export default Home;

```

BACKEND:

Index.js:

```
import express from "express";
import mongoose from "mongoose";
import dotenv from "dotenv";
import cors from "cors";

import bookRoute from "../route/book.route.js";
import userRoute from "../route/user.route.js";

const app = express();

app.use(cors());
app.use(express.json());

dotenv.config();

const PORT = process.env.PORT || 4000;
const URI = process.env.MongoDBURI;

// connect to mongoDB
try {
  mongoose.connect(URI, {
    useNewUrlParser: true,
    useUnifiedTopology: true,
  });
  console.log("Connected to mongoDB");
} catch (error) {
  console.log("Error: ", error);
}

// defining routes
app.use("/book", bookRoute);
app.use("/user", userRoute);

app.listen(PORT, () => {
  console.log(`Server is listening on port ${PORT}`);
});
```

.env:

```
PORT=4001
MongoDBURI="mongodb://localhost:27017/bookStore"
```

Controller>book.controller.js:

```
import Book from "../model/book.model.js";

export const getBook = async (req, res) => {
  try {
```

```

    const book = await Book.find();
    res.status(200).json(book);
  } catch (error) {
    console.log("error:", error);
    res.status(500).json(error);
  }
};

```

User.controller.js:

```

import User from "../model/user.model.js";
import bcryptjs from "bcryptjs";
export const signup = async (req, res) => {
  try {
    const { fullname, email, password } = req.body;
    const user = await User.findOne({ email });
    if (user) {
      return res.status(400).json({ message: "User already exists" });
    }
    const hashPassword = await bcryptjs.hash(password, 10);
    const createdUser = new User({
      fullname: fullname,
      email: email,
      password: hashPassword,
    });
    await createdUser.save();
    res.status(201).json({
      message: "User created successfully",
      user: {
        _id: createdUser._id,
        fullname: createdUser.fullname,
        email: createdUser.email,
      },
    });
  } catch (error) {
    console.log("Error: " + error.message);
    res.status(500).json({ message: "Internal server error" });
  }
};

export const login = async (req, res) => {
  try {
    const { email, password } = req.body;
    const user = await User.findOne({ email });
    const isMatch = await bcryptjs.compare(password, user.password);
    if (!user || !isMatch) {
      return res.status(400).json({ message: "Invalid username or password" });
    } else {
      res.status(200).json({
        message: "Login successful",
        user: {

```

```

    _id: user._id,
    fullname: user.fullname,
    email: user.email,
  },
  });
}
} catch (error) {
  console.log("Error: " + error.message);
  res.status(500).json({ message: "Internal server error" });
}
};

```

Model>book.model.js:

```

import mongoose from "mongoose";

const bookSchema = mongoose.Schema({
  name: String,
  price: Number,
  category: String,
  image: String,
  title: String,
});
const Book = mongoose.model("Book", bookSchema);

export default Book;

```

user.model.js:

```

import mongoose from "mongoose";

const userSchema = mongoose.Schema({
  fullname: {
    type: String,
    required: true,
  },
  email: {
    type: String,
    required: true,
    unique: true,
  },
  password: {
    type: String,
    required: true,
  },
});
const User = mongoose.model("User", userSchema);
export default User;

```

route>book.route.js:

```
import express from "express";  
import { getBook } from "../controller/book.controller.js";
```

```
const router = express.Router();
```

```
router.get("/", getBook);
```

```
export default router;
```

user.route.js:

```
import express from "express";  
import { signup, login } from "../controller/user.controller.js";  
const router = express.Router();
```

```
router.post("/signup", signup);
```

```
router.post("/login", login);
```

```
export default router;
```