**Create Pages:**

**Create pages/index.tsx (Homepage):**

import { GetServerSideProps } from 'next';

import { api } from '../utils/api';

interface Post {

\_id: string;

title: string;

content: string;

}

interface Props {

posts: Post[];

}

const HomePage = ({ posts }: Props) => (

<div>

<h1>All Posts</h1>

<ul>

{posts.map(post => (

<li key={post.\_id}>

<h2>{post.title}</h2>

<p>{post.content}</p>

</li>

))}

</ul>

</div>

);

export const getServerSideProps: GetServerSideProps = async () => {

try {

const { data: posts } = await api.get('/posts');

return { props: { posts } };

} catch {

return { props: { posts: [] } };

}

};

export default HomePage;

**Create pages/login.tsx:**

import { useState } from 'react';

import { api } from '../utils/api';

import Router from 'next/router';

const LoginPage = () => {

const [email, setEmail] = useState('');

const [password, setPassword] = useState('');

const handleSubmit = async (e: React.FormEvent) => {

e.preventDefault();

try {

const { data } = await api.post('/users/login', { email, password });

localStorage.setItem('token', data.token);

Router.push('/');

} catch (error) {

console.error(error);

}

};

return (

<div>

<h1>Login</h1>

<form onSubmit={handleSubmit}>

<input value={email} onChange={(e) => setEmail(e.target.value)} type="email" placeholder="Email" required />

<input value={password} onChange={(e) => setPassword(e.target.value)} type="password" placeholder="Password" required />

<button type="submit">Login</button>

</form>

</div>

);

};

export default LoginPage;

**Create pages/signup.tsx:**

import { useState } from 'react';

import { api } from '../utils/api';

import Router from 'next/router';

const SignUpPage = () => {

const [email, setEmail] = useState('');

const [password, setPassword] = useState('');

const handleSubmit = async (e: React.FormEvent) => {

e.preventDefault();

try {

await api.post('/users/signup', { email, password });

Router.push('/login');

} catch (error) {

console.error(error);

}

};

return (

<div>

<h1>Sign Up</h1>

<form onSubmit={handleSubmit}>

<input value={email} onChange={(e) => setEmail(e.target.value)} type="email" placeholder="Email" required />

<input value={password} onChange={(e) => setPassword(e.target.value)} type="password" placeholder="Password" required />

<button type="submit">Sign Up</button>

</form>

</div>

);

};

export default SignUpPage;

**Create pages/dashboard.tsx (Private Page):**

import { useState, useEffect } from 'react';

import { api } from '../utils/api';

import Router from 'next/router';

const DashboardPage = () => {

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

const [content, setContent] = useState('');

const [posts, setPosts] = useState<any[]>([]);

useEffect(() => {

const token = localStorage.getItem('token');

if (!token) Router.push('/login');

else {

api.get('/posts')

.then(response => setPosts(response.data))

.catch(() => Router.push('/login'));

}

}, []);

const handlePostSubmit = async (e: React.FormEvent) => {

e.preventDefault();

try {

const token = localStorage.getItem('token');

await api.post('/posts', { title, content }, {

headers: { Authorization: `Bearer ${token}` }

});

setTitle('');

setContent('');

const { data } = await api.get('/posts');

setPosts(data);

} catch (error) {

console.error(error);

}

};

return (

<div>

<h1>Dashboard</h1>

<form onSubmit={handlePostSubmit}>

<input value={title} onChange={(e) => setTitle(e.target.value)} type="text" placeholder="Title" required />

<textarea value={content} onChange={(e) => setContent(e.target.value)} placeholder="Content" required />

<button type="submit">Post</button>

</form>

<h2>Your Posts</h2>

<ul>

{posts.map(post => (

<li key={post.\_id}>

<h3>{post.title}</h3>

<p>{post.content}</p>

</li>

))}

</ul>

</div>

);

};

export default DashboardPage;