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Week 8.4

Recap Everything, Build PayTM Frontend

In this lecture, Harkirat guides us through an [end-to-end tutorial](#) on building a comprehensive [full-stack application](#) resembling [Paytm](#). While there are no specific notes provided for this section, a mini guide is outlined below to assist you in navigating through each step of the tutorial. Therefore, it is strongly advised to actively follow along during the lecture for a hands-on learning experience.

| It's important to note that this session primarily focuses on the frontend





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Import `react-router-dom` into your project and add the following routes -

1. `/signup` - The signup page
2. `/signin` - The signin page
3. `/dashboard` - Balances and see other users on the platform.
4. `/send` - Send money to other users



Solution

Step 2 - Create and hook up Signup page

Sign Up

Enter your information to create an account

First Name

Last Name

Email

Password

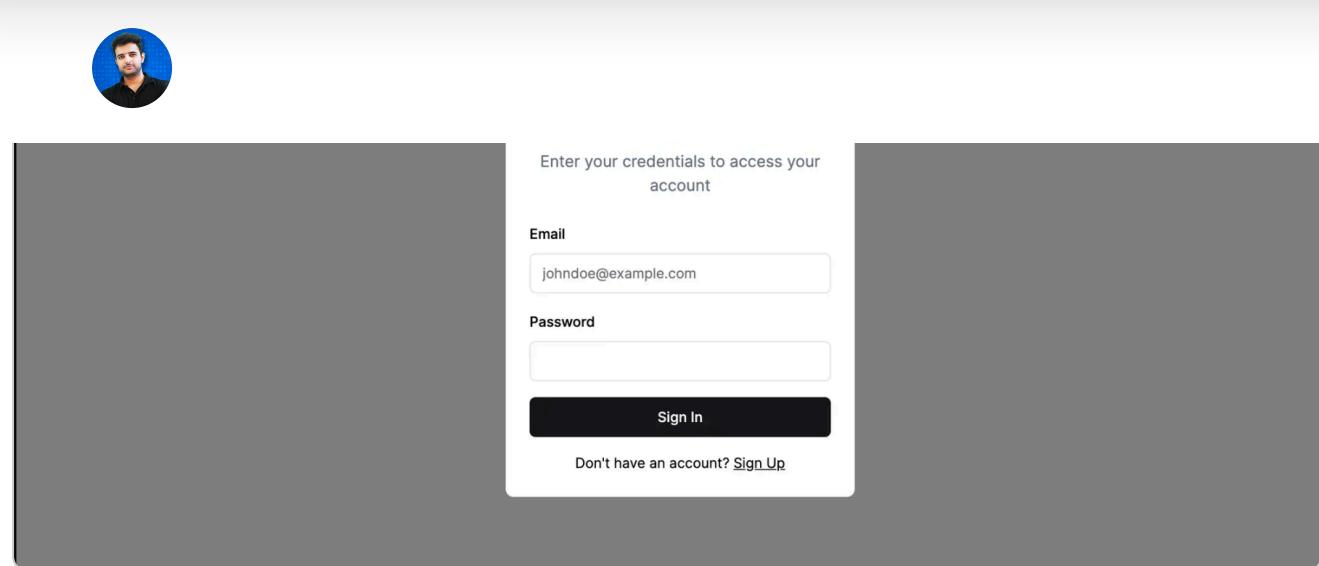
Sign Up

Already have an account? [Login](#)

If the user signup is successful, take the user to `/dashboard`

If not, show them an error message





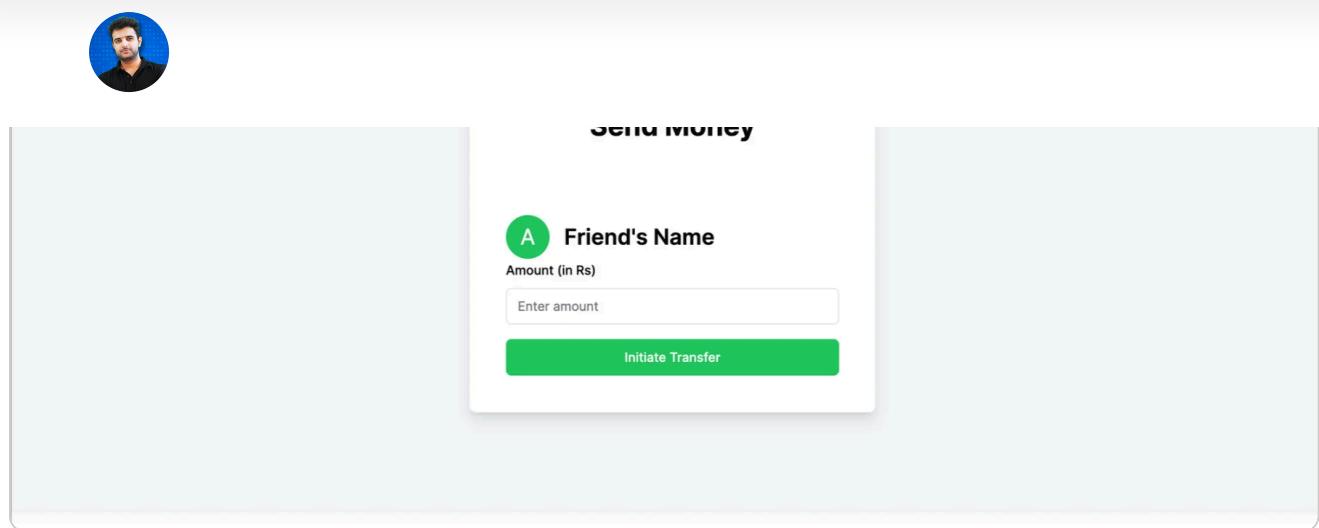
If the sign in successful, take the user to [/dashboard](#)

Step 4 - Dashboard page

Show the user their balance, and a list of users that exist in the database

Clicking on [Send money](#) should open a modal that lets the user send money





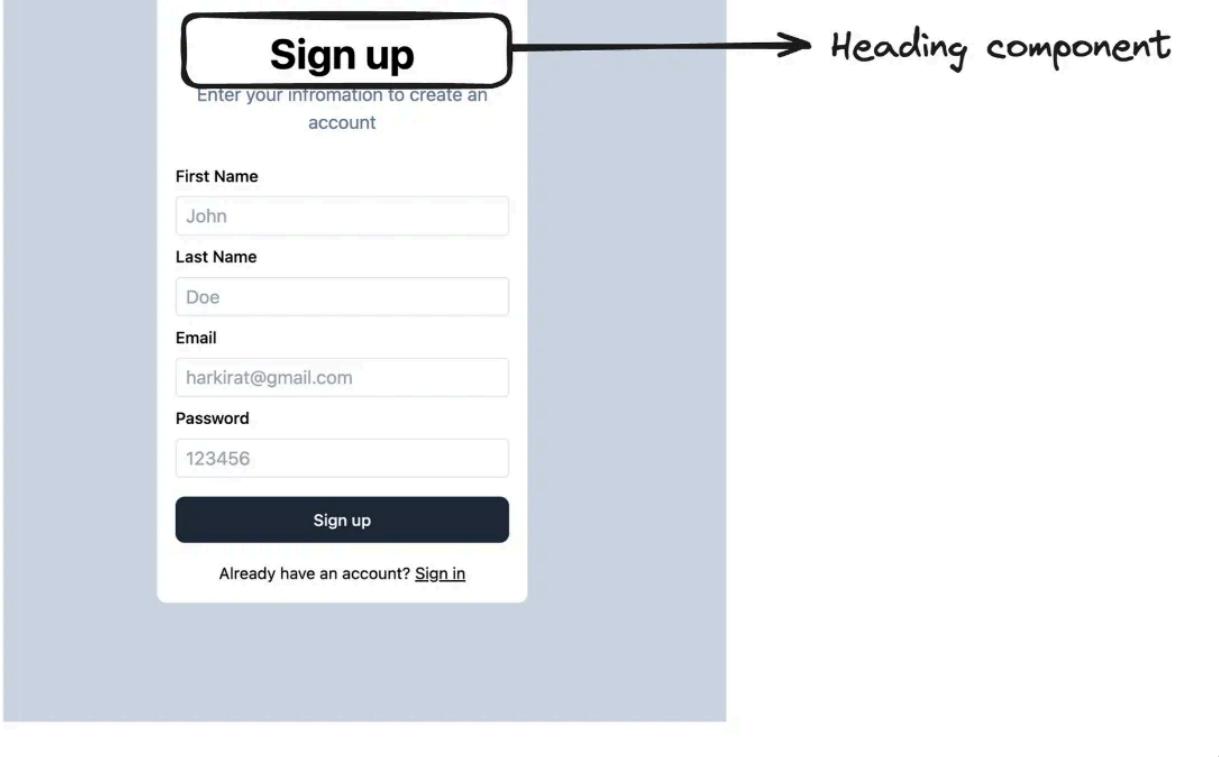
Step 5 - Auth Components

Full Signup component

You can break down the app into a bunch of components. The code only contains the styles of the component, not any onclick functionality.

1. Heading component





A screenshot of a sign-up form. At the top center, there is a large button labeled "Sign up" with a black border. Below it, a sub-headline reads "Enter your information to create an account". The form contains four input fields: "First Name" with "John" typed in, "Last Name" with "Doe" typed in, "Email" with "harkirat@gmail.com" typed in, and "Password" with "123456" typed in. At the bottom of the form is a dark blue "Sign up" button. Below the button, a link says "Already have an account? [Sign in](#)". A handwritten note with an arrow points to the "Sign up" button, labeling it as a "Heading component".



Code

2. Sub Heading component





Sign up

Enter your information to create an account

First Name
John

Last Name
Doe

Email
harkirat@gmail.com

Password
123456

Sign up

Already have an account? [Sign in](#)

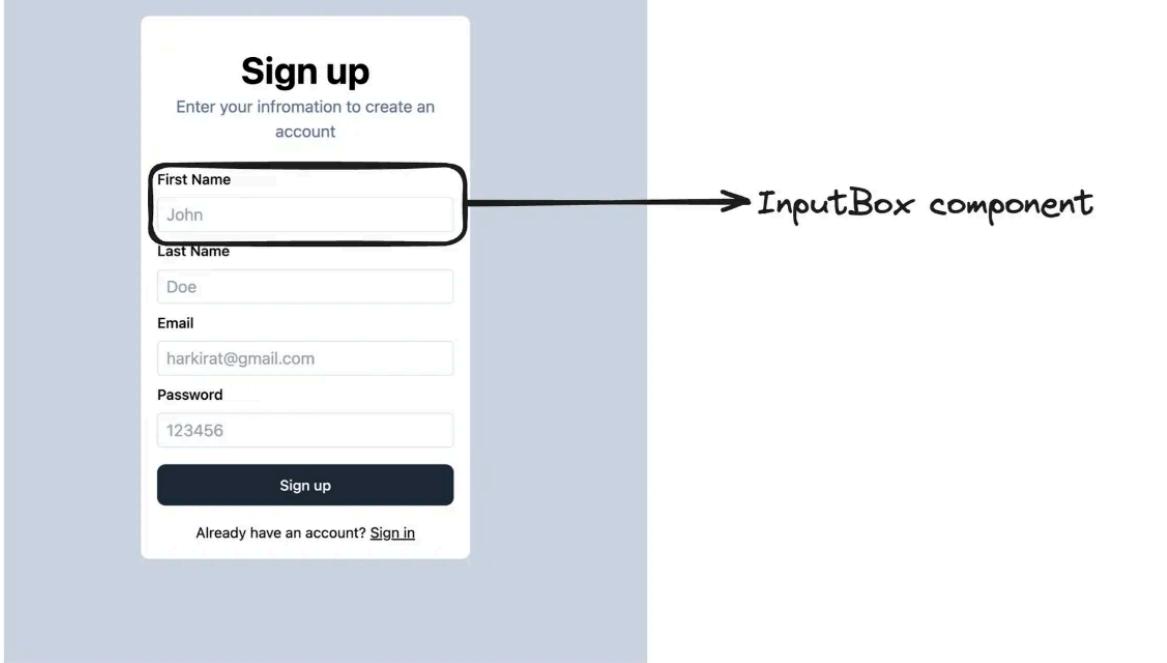
Sub Heading component



Code

3. InputBox component





Code

4. Button Component





Sign up
Enter your information to create an account

First Name

Last Name

Email

Password

Sign up

Already have an account? [Sign in](#)



Button component



Code

This section was blindly copied from <https://flowbite.com/docs/components/buttons/>

5. BottomWarning





Sign up

Enter your information to create an account

First Name
John

Last Name
Doe

Email
harkirat@gmail.com

Password
123456

Sign up

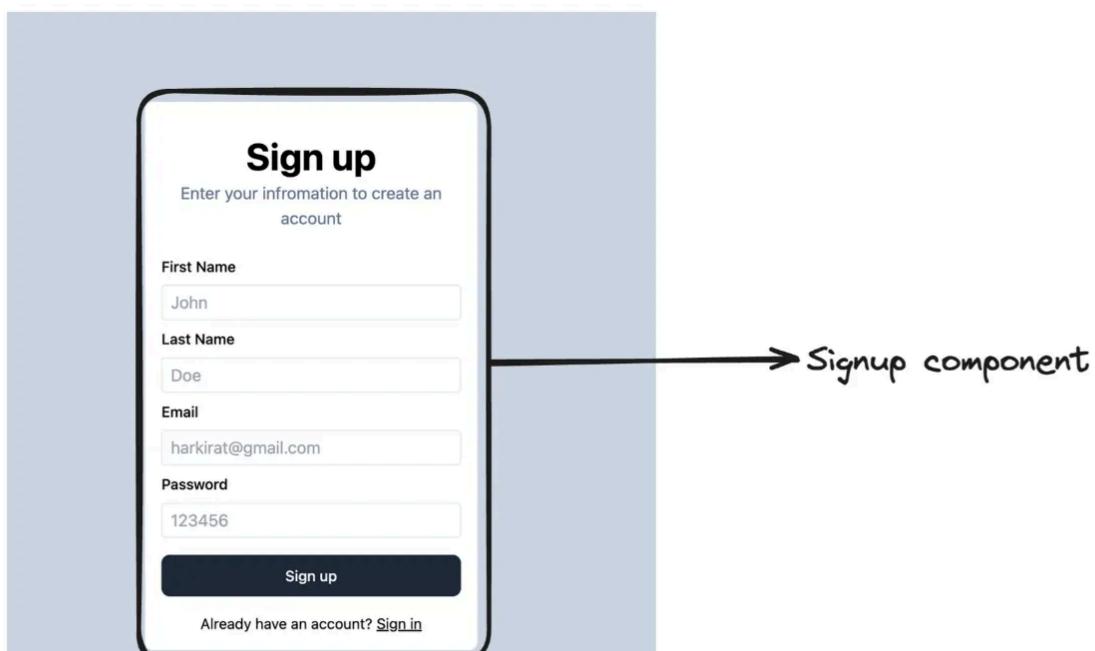
Already have an account? [Sign in](#)

→ Bottom warning component



Code

Full Signup component





www.100xdevs.com

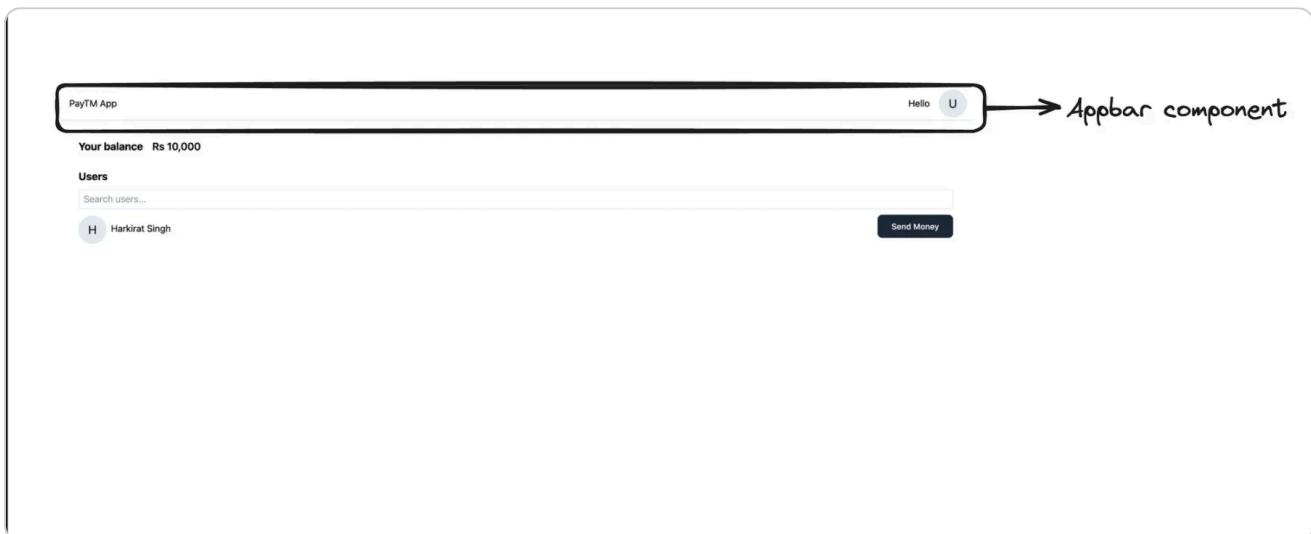
Full Signin component



Code

Step 6 - Signin-ed Components

1. AppBar



Code

2. Balance





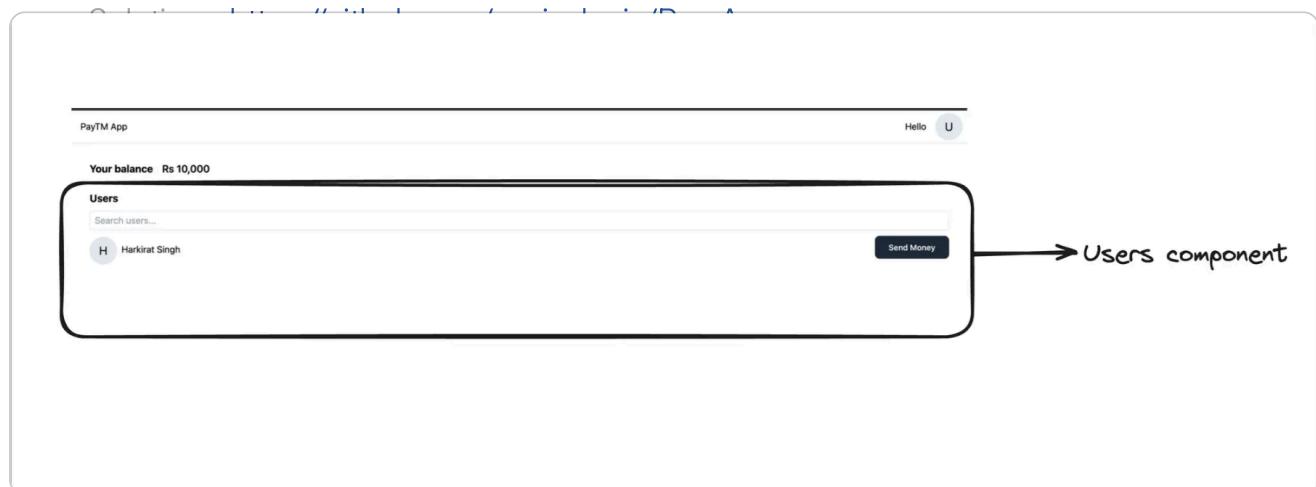
Comment

▶ S Shirohin raj a year ago

Code Sample code samples are not included in this

↑ 6 ↓ 0 ← 1 Reply

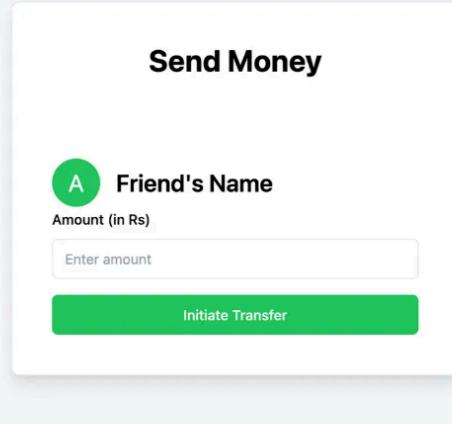
▶ J Users component 2 months ago



▶ Code

4. SendMoney Component





Code

Step 7 - Wiring up the backend calls

You can use

1. fetch or

2. axios

to wire up calls to the backend server.

The final code looks something like this -

<https://github.com/100Xdevs-cohort-2/paytm/tree/complete-solution> (complete-solution branch on the repo)

The important bits here are -

...
...
...
...
...
...
...





3. Call to transfer money b/w accounts - <https://github.com/100xdevs-cohort-2/paytm/blob/complete-solution/frontend/src/pages/SendMoney.jsx#L45>

