Handling Forms
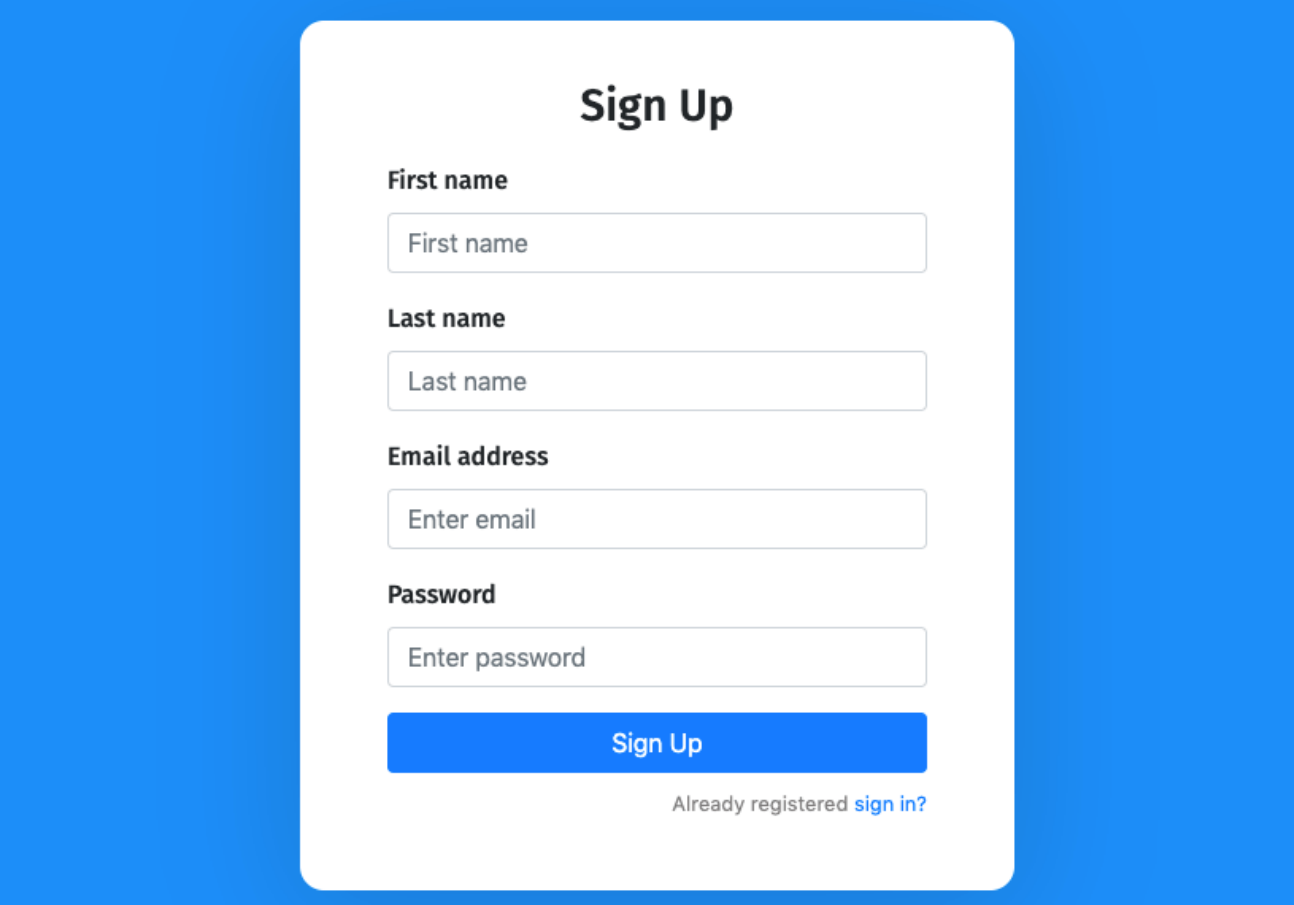
Handling forms is about how you handle the data when it changes the value or gets submitted.

- In HTML, form data is usually handled by the DOM.
- In React, form data is usually handled by the components.
- When the data is handled by the components, all the data is stored in the component state.
- You can control changes by adding event handlers in the onChange attribute.
- We can use the useState Hook to keep track of each inputs value and provide a "single source of truth" for the entire application.

Example:

Use the **onChange** Hook to manage the input:

```
import { useState } from "react";
import ReactDOM from 'react-dom';
function MyForm() {
  const [name, setName] = useState("");
  return (
    <form>
      <label>Enter your name:
        <input
          type="text"
          value={name}
          onChange={(e) => setName(e.target.value)}
        />
      </label>
    </form>
  )
}
ReactDOM.render(<MyForm />, document.getElementById('root'));
```

I accept the agreement

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▼ <App> == $r
  ▼ <form>
    ▼ <label>
        "I accept the agreement"
        <input checked={false} type="checkbox"></input>
    </label>
  </form>
</App>

Props
    Empty object

State
☐ acceptedAgreement: false