**Creating A Dynamic UI in React**

Dynamic UI design is the practice of designing a user interface to adapt according to user input. When designing a dynamic user interface (UI), you control the fields that users see and interact with, according to specified conditions. Dynamic UI content is a key element of an intent-driven UI design. Choices made by users drive what controls are displayed so that only relevant fields are presented.

***Example:***

*ReactDynamicUI.js*

import React, { useState } from "react";

function ReactDynamicUI() {

  const [inputFields, setInputFields] = useState([{ username: "", age: "" }]);

  const handleChange = (index, event) => {

    let data = [...inputFields];

    data[index][event.target.name] = event.target.value;

    setInputFields(data);

  };

  const addFields = () => {

    let newfield = { username: "", age: "" };

    setInputFields([...inputFields, newfield]);

  };

  const submitHandler = (e) => {

    e.preventDefault();

    console.log(inputFields);

  };

  const removeFields = (index) => {

    let data = [...inputFields];

    data.splice(index, 1);

    setInputFields(data);

  };

  return (

    <div>

      <h3>React Dynamic UI</h3>

      <form>

        {inputFields.map((input, index) => {

          return (

            <div key={index}>

              <input

                className="mt-1 mx-3"

                type="text"

                name="username"

                placeholder="Name"

                value={input.username}

                onChange={(event) => handleChange(index, event)}

              />

              <input

                className="mt-1 mx-3"

                type="text"

                name="age"

                placeholder="Age"

                value={input.age}

                onChange={(event) => handleChange(index, event)}

              />

              <button

                className="btn btn-danger btn-sm px-2"

                onClick={() => removeFields(index)}

                type="button"

              >

                Remove Field

              </button>

            </div>

          );

        })}

      </form>

      <button

        className="btn btn-success btn-sm mt-2 px-4"

        onClick={addFields}

        type="button"

      >

        Add

      </button>

      <button

        className="btn btn-primary btn-sm mt-2 mx-2 px-4"

        onClick={submitHandler}

        type="submit"

      >

        Submit

      </button>

    </div>

  );

}

export default ReactDynamicUI;

*App.js*

import "./App.css";

import ReactDynamicUI from "./components/ReactDynamicUI";

function App() {

  return (

    <div className="App">

      <ReactDynamicUI />

    </div>

  );

}

export default App;

