

P1

p1-1

The screenshot shows a browser window with three tabs: "iClass", "React App", and "Upload Picture (Photo)". The "React App" tab is active, displaying the URL "localhost:3000". The page content is titled "Tutorial 6 - 209410108". Below the title is a button labeled "Add". A list of names is displayed in cards: John, Peter, Susan, Anna, and a new entry, 劉泓緯 (Liu Hongzhi), which is highlighted with a red box. Each card has a "remove" link. The DevTools panel is open on the right, showing the "Components" tab. The state of the application is shown as an array of objects:

```
state: [
  {id: 1, name: "john"},
  {id: 2, name: "peter"},
  {id: 3, name: "susan"},
  {id: 4, name: "anna"},
  {id: "1645704475706", name: "劉泓緯"}
]
```

The DevTools also shows the component tree under "App_08" and the file "App_08.js:13" as the source of the code.

p1-2

```
import React, { useState, useReducer } from 'react';
import T6_08_Modal from './T6_08_Modal';
import { data } from '../..//data';
// reducer function
const reducer = (state, action) => {
  if(action.type === 'ADD_ITEM') {
    const newPeople = [...state.people, action.payload];
    return {
      people: newPeople,
      isModalOpen: true,
      modalContent: 'item added'
    }
  }
  if(action.type === 'NO_VALUE') {
    return {
      ...state,
      isModalOpen: true,
      modalContent: 'please enter value'
    }
  }
  if(action.type === 'CLOSE_MODAL') {
    return { ...state, isModalOpen: false}
  }
  if(action.type === 'REMOVE_ITEM') {
    const newPeople = state.people.filter(
      (person) => person.id !== action.payload
    );
    return { ...state, people: newPeople}
  }
}

const defaultValue = {
  people: data,
  isModalOpen: false.
}
```

Tutorial 6 (V2) - 209410108

劉泓緯

Add

John remove

Anna remove

劉泓緯 remove