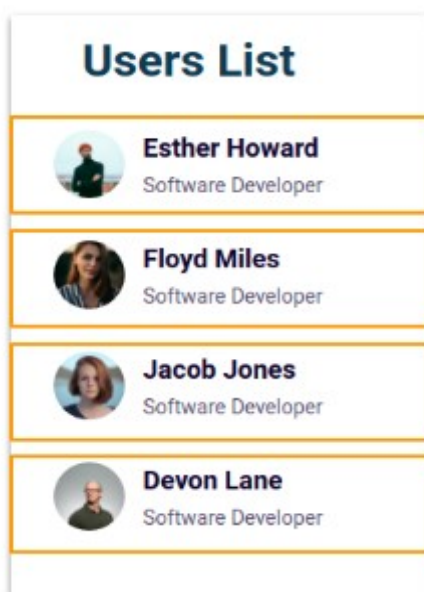


## Some Most Important Basic Things of React-Js

- ✓ React-Js se Project banane se pahle hame data ke baare me sochna padta hai use **extract** ya **collect** karke **samagj** ke store karna padta hai phir usi data ko use karna padta hai jab ham components banate hai usi me send karna padta hai as : **props** and **state**.
- ✓ **Data**: data like agar ham koi profile cards bana rahe hai to iske liye data hoga user ka **name**, **age**, **imageUrl**, **jobRole**, **Gender** etc jo ham components me use karne wale hai according to project requirements.
- ✓ Hame sochna padta hai ki data ko store kaise kare taki components ko easily send kar sake in the form of props. Generally Data object “{}” form me store hota hai “{}” iske ander. Lekin jab data jyada hota hai to ham ise “list of object” form me store karte hai phir list ko iterate kara ke each object ko props ke form me components ko send kar dete hai ok ..... baad me ham inhi data ko database se api ke form me access kar ke components ko send karte hai ye ham baad me padhenge pro level me .
- ✓ Or jab repitative task jaise profile cards ke liye components banate hai n to waha “div” nhi use karte “li” list use karte hai unordered list use karte hai “ol”.
- ✓ Please observe all the below images for clear understanding.

Users List Application

### UserProfile Component



1. **UserProfile** component banega sirf ek card ka code likha jayega **userProfile** component ke ander. ok only single card.
2. “div” ki jagah “li” use kiya jayega kuki repitative task hai
3. Is User List ko complete develop karne ke liye iska **data prepare** kiya jayega store kiya jayega list of object ke form me phir **UserProfile** component ko baar baar import karke ya loop chale ke ya predefined function use karke jaise **array.map()** list of data ko **UserProfile** component me data as a props send kiya jayega.
4. Bas hamari user list ban ke ready ho jayegi ise render kar ke live kar lenge. Project ready !

## Now Look



1. figma ui design of UserList ko observe kiya gaya ek card select karke data pattern dekha gaya same tha ok to.

2. Data: data prepare kiya hmm.

```
const userDetails = {  
  imageUrl: "IMAGE_URL",  
  name: "Esther Howard",  
  role: "Software Developer"  
}
```



3. Data ko store kiya gaya object form me sirf single card ccomponent banane ke liye.

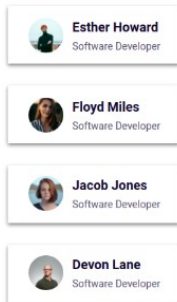
4. Data ko ProfileCard component me as a props send karke ek card bana liya gaya but...

5. Hame to dher saare profile cards banane the

### Preparing List of Users data

```
const userDetailsList = [  
  {  
    imageUrl: "IMAGE_URL",  
    name: "Esther Howard",  
    role: "Software Developer"  
  },  
  {  
    imageUrl: "IMAGE_URL",  
    name: "Floyd Miles",  
    role: "Software Developer"  
  },  
  ...  
]
```

App.js



6. do raste the 1<sup>st</sup>: alag alag users ke data ko alag alag object form me store karte or send karte component ko isme jyada code likhna padta har user ke liye baar bar ProfileCard component ko call karna padta usme manually props send karne padte. Bada long code ho jata.

7. 2<sup>nd</sup> rasta: Ham saare data ko kuch is prakar list ke ander rakh deta object form me or list ko iterate karwa dete loop ka use

karke ya built function ka like map() so

```
import UserProfile from '...'  
const userDetailsList = [  
  {...},  
  ...  
]  
const App = () => (  
  <div className="list-container">  
    <h1 className="title">Users List</h1>  
    <ul>  
      {userDetailsList.map((eachItem) => (  
        <UserProfile userDetails={eachItem} />  
      ))}  
    </ul>  
  </div>  
)  
export default App
```

App.js

8. Hamne wahi kiya userDetailsList banai saara data object form me store karke only ek baar UserProfile component ko call kiya or har object ko isme send kar diya as props bas built in map() function ka use karke userDetailsList ko iterate kara ke.

9. Ho gaya ban gai hamari user list render kiya or Ready Project !!

### **Ek Important Baat or**

- ✓ har component ke ander minimum 2 files hoti hai ek **index.js** and 2sri **index.css**.
- ✓ component ke ander index.js wali file me index.css ko import karke styling ke liye use karte hai, styling ham jsx code ko karte hai jisse component banaye ja rahe hote hai.

**Always Remember all These things ok**

**Date: Mar-1-2025**