

ap mujy ye Active wala sara concept or ye jaha jaha sy changes kar raha hai matlab TSX me use State banaya phir uspe ek function bana phir sidebar ki class me active ko call karny k liya kuch kiya or phir jub call ho tab jo css apply karni hai wo css di , ye sara kuch ap mujy detail me bata dein please

Bilkul, samjhaata hoon! Step-by-

step hum dekhenge kaise React me `useState` aur CSS class ke sath kaam hota hai. Ye approach aapke `sidebar` ko toggle karne aur uska state manage karne me madad karega.

1. useState Import Aur Initialize Karna:

Pehla step hai `useState` hook ko import karna aur initialize karna. `useState` ek React hook hai jo component ke andar state manage karne ke liye use hota hai.

Tsx

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```
import React, { useState } from 'react';

const Sidebar = () => {
  const [isActive, setIsActive] = useState(false);
  // isActive: state variable jo sidebar ka active/inactive state store karta hai
  // setIsActive: function jo state ko update karta hai
};
```

2. Toggle Function Banana:

Next, ek function banate hain jo `isActive` state ko toggle karega. Jab ye function call hoga, `isActive` state change hogi.

Tsx

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```
const toggleMenu = () => {
  setIsActive(!isActive);
  // Agar isActive true hai, to false ho jayega aur vice-versa
};
```

3. Class Name Me State Use Karna:

`sidebar` ke class name me `isActive` state ko dynamically use karte hain. Agar `isActive` true hai, to `active` class add karenge.

Tsx

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```
return (  
  <div className={`sidebar ${isActive ? 'active' : ''} p-[2em] rounded-3xl`} >  
    {/* Sidebar content */}  
    <Icon className='menu text-3xl' icon="mi:menu" onClick={toggleMenu} />  
  </div>  
);
```

4. CSS Classes Define Karna:

Ab CSS me `sidebar` aur `sidebar.active` ki styles define karte hain. `sidebar.active` class active state pe apply hogi.

Css

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```
.sidebar {  
  width: var(--sidebar-width);  
  height: 650px;  
  background: var(--dark);  
  transition: width 0.5s ease;  
}  
  
.sidebar.active {  
  width: var(--sidebar-min-width);  
}  
  
.link:hover .page-li {  
  color: var(--dark);  
}
```

5. Hover Pe Color Change Karna:

`sidebar.active` hone par, jab `.icon` pe hover karein to `.page-li` ka color change karne ke liye CSS add karte hain:

```
.sidebar.active .link:hover .page-li {  
  display: block;  
  color: var(--dark);  
}
```

Summary:

- **Initialize State:** `useState` hook se `isActive` state aur `setIsActive` function create kiya.
- **Toggle Function:** `toggleMenu` function banaya jo `isActive` state ko toggle karta hai.
- **Dynamic Class:** Sidebar ke class name me `isActive` state ko use kiya.
- **CSS Styles:** CSS me `sidebar` aur `sidebar.active` ki styles define ki.
- **Hover Effect:** `sidebar.active` aur `.icon` hover hone par `.page-li` ka color change kiya.