

React Basics

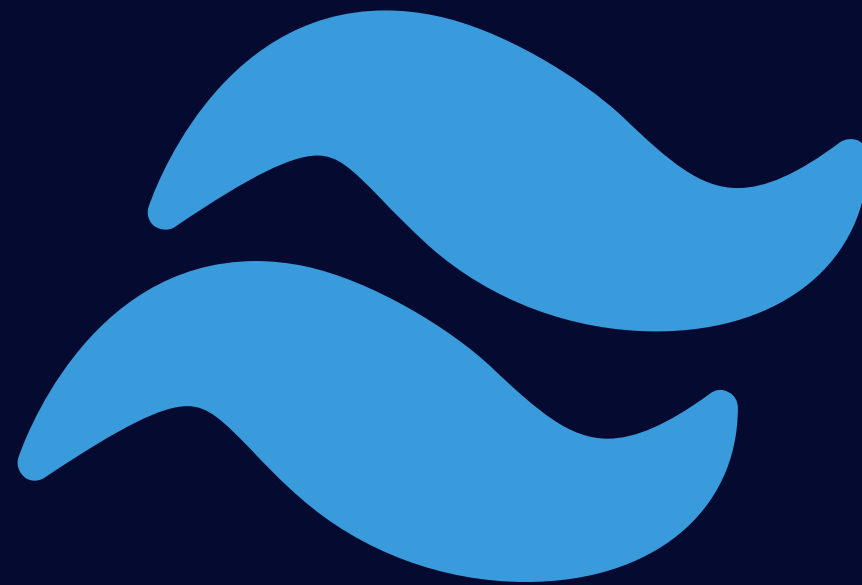
Section 3

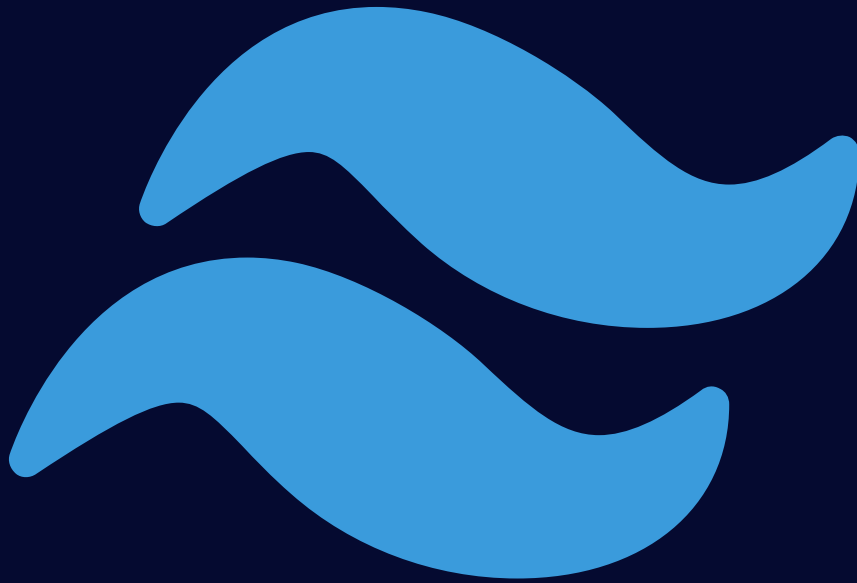
In this section

- Installing Tailwind
- Folder structure
- React components
- Passing down props
- useState
- useEffect
- Using Framer motion



Tailwind CSS





```
const TailwindButton = () => {  
  return (  
    <button className="bg-blue-500 text-white px-4 py-2 rounded hover:bg-blue-600">  
      Click Me  
    </button>  
  );  
};
```

Tailwind styled button

```
const InlineStyleButton = () => {  
  return (  
    <button  
      style={{  
        backgroundColor: '#3b82f6',  
        color: 'white',  
        padding: '0.5rem 1rem',  
        borderRadius: '0.375rem',  
        cursor: 'pointer',  
      }}  
      onMouseOver={(e) => (e.target.style.backgroundColor = '#2563eb')}  
      onMouseOut={(e) => (e.target.style.backgroundColor = '#3b82f6')}  
    >  
      Click Me  
    </button>  
  );  
};
```

Inline CSS styled button

Folder structure





Group by file type



api/

firebase.ts

actions.ts



components/

EventDashboard.tsx

ProfilePage.tsx

MoreComponents.tsx



Group by feature



app // Shared components and layout



features // Each feature has dedicated folder



lib // Other non react compent code. Util, api etc

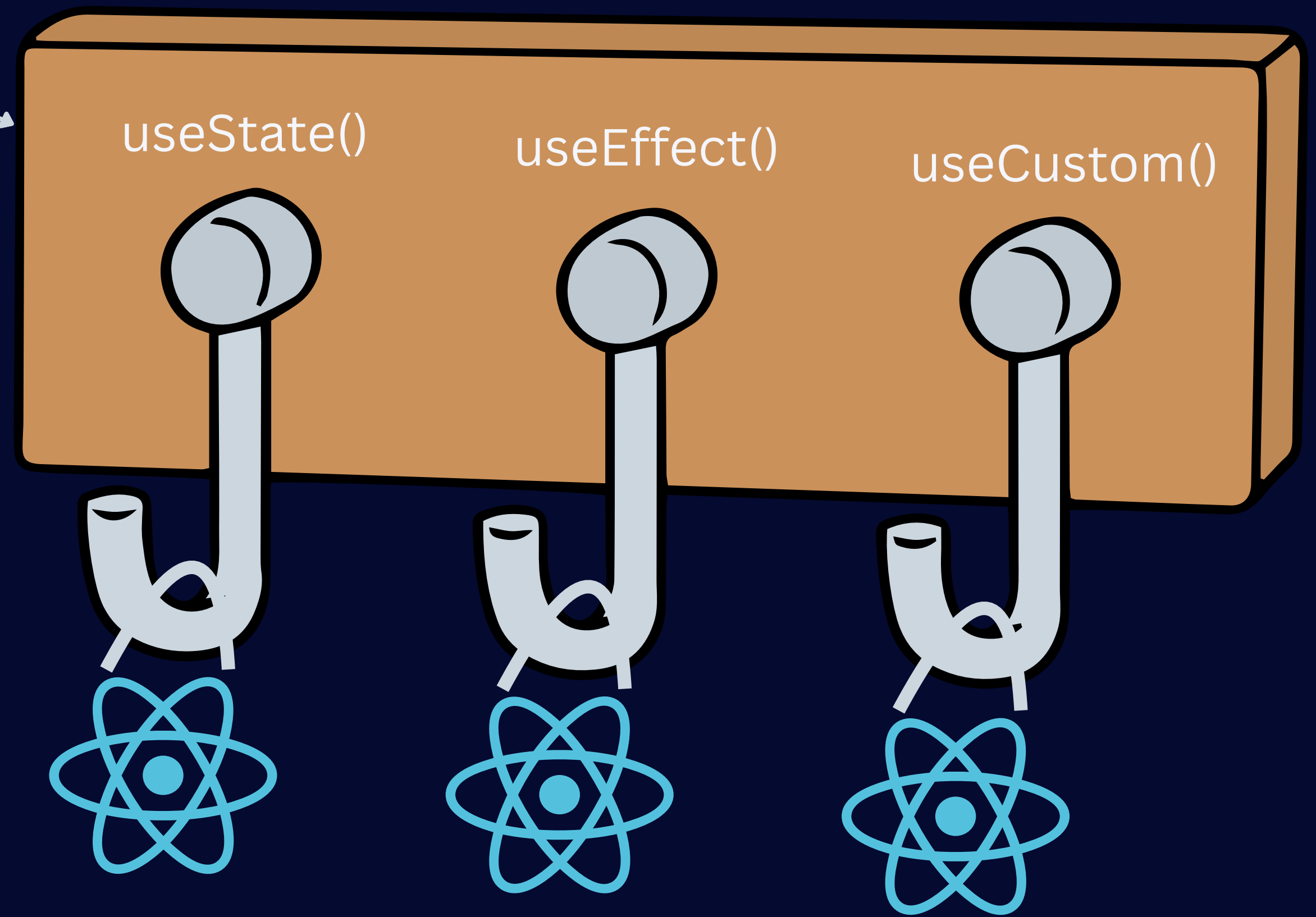


Do's and don'ts

Avoid too much nesting (3 or 4 levels deep maximum)

Don't overthink it

**React
component**



The goal of this section

Summary

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Why didn't you do it this way or that way?



Always more than one way to do things

Multiple right ways of doing something

Summary