

## useContext

# React Hooks Number 03 useContext Hook

What is useContext?

**UseContext Hook is used to manage global data in react application.**

👉 Global State

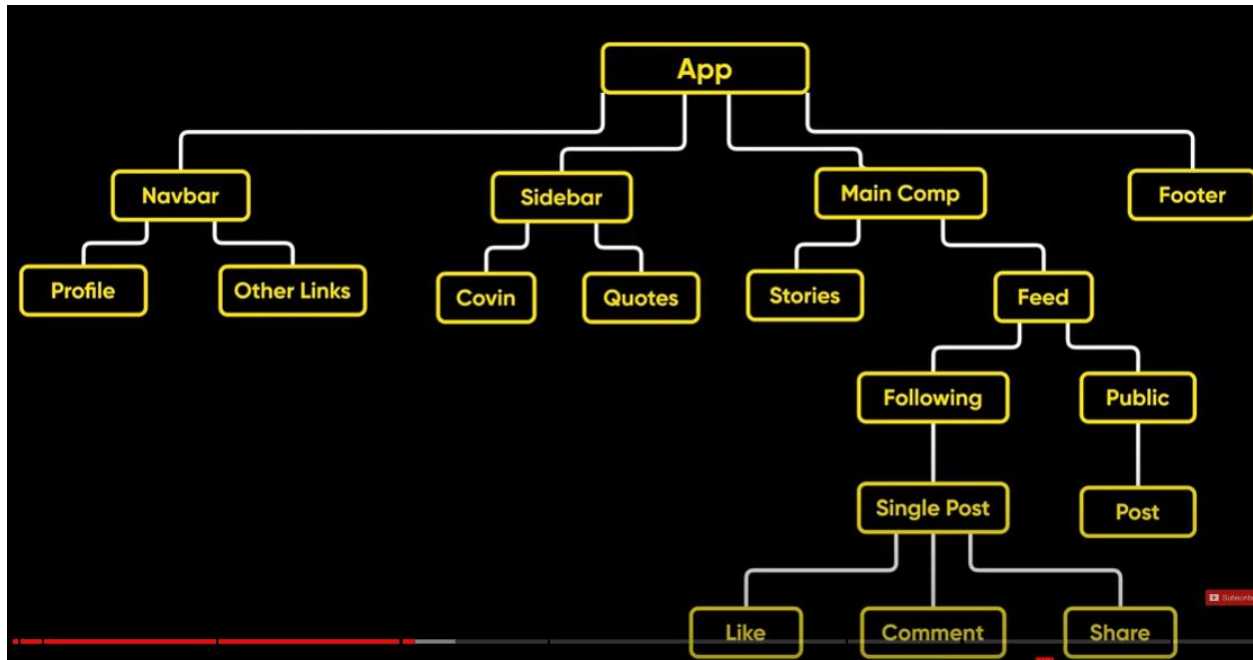
👉 Services

👉 Themes

👉 User Settings

WHY WE NEED  
USECONTEXT  
HOOK?

For example → why we have to use useContext Hook



→if the user details in APP.js

- ➔ We wanted to use it in like.js
- ➔ Then we follow approach of props passing to every child component  
app.js→main Comp.js→  
Feed.js→following.js→singlepost.js→like.js
- ➔ This very difficult to pass to all child components -→ with the help of useContextHook → we can directly send userdata from App.js to Like.js without any intermediate

# HOW TO **CREATE CONTEXT?**

**Create context requires 3 Simple Steps:**

- 1. Creating the Context**
  - 2. Providing the Context**
  - 3. Consuming the Context**
-

## process of creating context hook

→ creation of context

[create] ⇒ VarshithContext.js

import React from "react";

const VarshithContext = React.createContext();

export default VarshithContext;

The problem is

[App.js] component1 → component2

⇒ sending data from [App.js]  
to [component2] without  
involving [component1]



Step 2 → Provide the context

sending data from APP.js to  
Component 2 by using  
Provider

const APP() ⇒

{

const user =

{

name: "Varshith",

age: 21

}

return (

<VarshithContext.Provider value={user}>

→ <Component 2 />

</VarshithContext.Provider>

step 3 → consume the context  
→ consume context <sup>will help us by</sup> ~~means the~~ data we get from App.js to use in component 2

⇒ use useContext to consume component 2.js

const Component2 = () ⇒

{

const user = useContext (Varshith  
Context);

return (

<div>

<h1> User Details </h1>

→ <h2> { user.name } </h2>

→ <h2> { user.age } </h2>

</div>

)

}

## STEP – 1 CREATE CONTEXT

```
JS VarshithContext.js > ...
import React from "react";

const VarshithContext = React.createContext();

export default VarshithContext;
```

## STEP-2 PROVIDE CONTEXT

```
App.js > ...
import "./App.css";
import Component2 from "./Component2";
import VarshithContext from "./VarshithContext";

function App() {
  const user = {
    name: "varshith",
    age: 21,
  };
  return (
    <div>
      <VarshithContext.Provider value={user}>
        <Component2 />
      </VarshithContext.Provider>
    </div>
  );
}

export default App;
```

## STEP-3 CONSUME CONTEXT

```
Component2.jsx > [?] Component2
import React, { useContext } from "react";
import VarshithContext from "../VarshithContext";

const Component2 = () => {
  const user = useContext(VarshithContext);
  return (
    <div>
      <h2>{user.name}</h2>
      <h2>{user.age}</h2>
    </div>
  );
};

export default Component2;
```

← → ↺ ⓘ http://lo

**varshith**

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