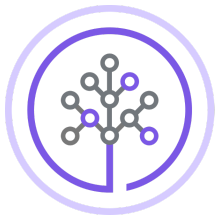::page{title="Developing Cloud Applications with React"}

Skills Network

Module 3 : Glossary - Advanced React

Term	Definition
Actions	JSON objects that contain information about changes that need to be made to the state.
Action creators	Functions that create actions.
Asynchronous or async code	Runs in parallel, and an operation can occur while another one is still being processed.
Central Store	holds the entire application list in the form of the 'state tree'.
Custom Hook	A new composition of one or multiple Hooks.
Controlled input	Use React to fully control the element by setting and updating the input value directly.
onChange	Attribute that controls changes in the form
Hooks	Enable functional components to attach local state with it, and this state will be preserved by React when the component re-renders.
Middleware	Used to interact with asynchronous data in your React Redux app.
NPM	Package manager for the Node JavaScript platform.
Payload property	An optional property that contains some data that is required to perform a task.
React Hook form	A form state management and validation library for React web-based applications and React Native mobile applications.
Reducer	Pure functions that receive the current state and an Action object and return a new state with the actions performed.
Redux	A state management library that is often used with React to handle the state of your application.
Ref function	Used to get the form values from DOM.
Redux Thunk	Middleware that allows to pass functions within action creators to create async Redux.
Redux Saga	Middleware that uses an ES6 feature called Generators to enable async operations.
Store	Contains the Redux application's current state, other functions, and objects.
setState	Updates state of the form input elements.
Synchronous or sync code	Runs in sequence from top to bottom, and each operation must wait for the previous one to complete before executing.
Subscription	Is triggered in the components whenever the state is updated in the store.
Type property	A string that identifies the action.

useState	A hook that allows you to use state in your function. It adds state to a function component.
useEffect	Manages side effects such as document changes, HTTP, and so on.
useContext	Manages context changes and provides the component with access to a context.
useReducer	Manages Redux state changes.
Uncontrolled input	Allows the browser to handle most of the form elements and collect data through React's change events.

Changelog

Date	Version	Changed by	Change Description
04-05-2023	1.0	Vladislav Boyko	Updated
28-10-2022	1.0	Samaah Sarang	Initial md version created