....All Hooks....

1. useState :- The useState Hook in React allows functional components to manage and track state, which refers to data or properties that can change over time within an application.

2. useEffect :-
-> This is a important hook used to perform side effects in functional components like data fetching and API calling.
-> We can also perform life cycle methods in functional components using useEffect hook.

3. useRef :- This is a hook used to create mutable reference with DOM elements and it does not cause re-render.

4. useLocation :- This is a hook provided by react-router-dom used to access location object.

5. useNavigate() :- The useNavigate hook in React is part of React Router v6 and provides a way to programmatically navigate between different routes within your application.

6. useParams() :- The useParams hook in React is part of the React Router library and enables functional components to access dynamic URL parameters. It provides a way to extract values from the URL path that are defined as dynamic segments in your route configuration.

7. useContext -> useContext is a hook. This consume a context value.

8. useMemo() :- useMemo is a React Hook that optimizes performance by memoizing (caching) the result of a calculation between re-renders. It prevents expensive computations from being re-executed unnecessarily when a component re-renders.

9. useCallback() :- The useCallback hook in React is used to memoize callback functions, preventing their re-creation on every render unless their dependencies change. This optimization is particularly beneficial when passing functions as props to child components, especially those wrapped with React.memo, to avoid unnecessary re-renders of the child.

10. useReducer() :- This is a hook used to handle complex state logic alternative to useState. It follows a similar pattern to redux.

11. useDispatch() :- useDispatch is a hook provided by React Redux that allows functional components to dispatch actions to the Redux store. It serves as the functional component equivalent to mapDispatchToProps in class components.

12. useSelector() :-useSelector is a hook provided by the react-redux library that allows functional React components to extract and access data from the Redux store.