REDUX- ASSIGNMENT

MODULE – 7 REACT - APPLYING REDUX

Submitted to :-

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MODULE-7) REACT - APPLYING REDUX

1) What is Redux?

Ans:-

Redux is a predictable state container designed to help you write JavaScript apps that behave consistently across client,server, and native environments, and are easy to test.

It's mostly used as a state-management tool with React. you can also use it with other JavaScript frameworks or libraries.

It's lightweight so you don't need to worry about App size.

When your project grows to the scale where managing app state becomes trouble, you can use redux to simplify the process of state management of state.

2) What is Redux Thunk used for?

Ans:-

Redux thunk is a middleware and the middleware functions run between dispatching an action and reducer. It is used for logging, routing, and asynchronous action.

It allows us to return a function instead of an object from the actions, only redux doesn't allow us to perform complex logic inside action functions.

Thunk allows us to run some asynchronous code before dispatching the action function.

3) What is Pure Component? When to use Pure Component Over Component?

Ans:-

React Pure components are the components that don't re-renders when states and props value are updated with the same values. So,these components do not cause re-rendering to improve performance.

When we don't need our child component to re-rendered when its parent component re-renders we use Pure Component.

4) What is the second argument that can optionally be passed to setState and what is its purpose?

Ans:-

The second argument that can optionally be passed to setState is callback function which gets called immediately after the setState is completed and the components get re-rendered.

If we want our program to perform certain actions on updated state after setting the setState value for that we must have to specify those actions in callback function or we can say function as a second argument to the setState. If we don't do that, actions will be performed on the previous value of the state because of the asynchronous nature of setState.

5) Create a Table and Search data from table using React Js ?

Ans:-

- See the Folder Ques_5

6) Create Login registration with CRUD Application using API (Redux)

Ans:-

- See the Folder Ques_6