Graded Quiz due Jun 11, 2024 12:41 IST Completed

Question 1

1/1 point (graded) Which is an advantage of using Hooks in a React application?				
O Hooks can only be called inside React function components				

Hooks enable you to write a functional component without state
 You can handle events and logics in functional components without using classes

Ode used to write Hooks is complicated



Answer

Correct:

Using Hooks, you can handle events and logics in functional components without using classes.

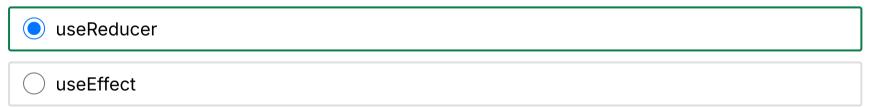
Submit

Try again (1 attempt remaining)

Question 2

1/1 point (graded)

Which standard Hook is used to manage Redux state changes?



useContext

useState



Answer

Correct: useReducer manages Redux state changes.

Submit

Try again (1 attempt remaining) 🚯

Question 3

1/1 point (graded)

What is a characteristic of an uncontrolled input?

Props take current value and notify changes

Functions govern passing of data

A parent component controls the changes

Allows the browser to handle most of the form elements



Answer

Correct: React puts the value on the page, and the browser keeps track of the rest.

Submit

Try again (1 attempt remaining) (1)

Question 4

1/1 point (graded)

What helps developers in developing a React application using Redux?

Redux reloads the whole page when state changes

Redux helps in creating user interface elements

In Redux, individual components handle their own state

Redux enhances the state prediction factor



Answer

Correct:

When used in applications, Redux enhances the state prediction factor that helps developers in developing the application.

Submit

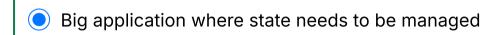
You have used 2 of 2 attempts

Question 5

1/1 point (graded)

In which application scenarios is Redux used?

In an application where all props associated to a component are utilized



In applications with single state mapping to a single container component

Only in local applications to manage state of components



Answer

Correct: Redux can be used wherever there's state to be managed.

Submit

Try again (1 attempt remaining)

Question 6

0/1 point (graded)

What are Actions?



An object that updates the store

An object that stores information about the user event

O An o	bject that contains the current Redux application state
×	
Answer	
ncorrect:	Review the Essential Concepts of Redux.
Submit	You have used 2 of 2 attempts
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I/1 point (gr	aded)
	e function of the store?
O A sto	ore contains a type field
O Δ etc	ore describes what happened
A Sto	ore can dispatch and receive actions
O A sto	ore can perform any changes to the application state
~	
✓ Answer	
Correct:	
Answer Correct: The currer	nt Redux application state lives in the store and it can dispatch and receive actions.
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1/1 point (graded)

Which middleware uses ES6 Generators to enable async operations?

Async/Await		
Thunk		
O Promise-based		
Saga		



Answer

Correct: Redux Saga uses an ES6 feature called Generators to enable async operations.

Submit Try again (1 attempt remaining) 🚯

Question 10

1/1 point (graded)

Which element in the Redux data flow generates the modified state based on the dispatched action?

UI

Reducer

Store

Action creator



Answer

Correct:

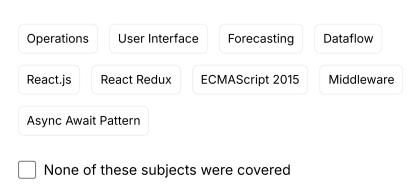
It is the reducer's task to determine if it needs to update the state based on the dispatched action, and it generates the new state.

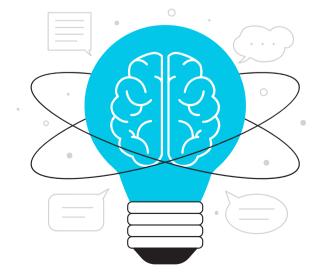
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Try again (1 attempt remaining) 🚯

What did you learn?

Help future students by selecting the skills or subjects you learned from this unit.





Submit