**Redux and Redux Toolkit – Documents**

Redux Toolkit Configurations :-

­­Step 1):- Configure store – we need to configure the store which holds all the reducers and reducers are the function which updates the store state based on the action dispatched

import {configureStore} from '@reduxjs/toolkit'

export const store = configureStore({

    reducer:{}

})

Step 2) : Wrap the whole App with Provider which will inject this whole store into the each and every component of the application

import { store } from './store/store.js';

import { Provider } from 'react-redux';

ReactDOM.createRoot(document.getElementById('root')).render(

  <React.StrictMode>

    <Provider store={store}>

      <App />

    </Provider>

  </React.StrictMode>

);

Step 3: We need to create multiple slice . A Slice can be considered to the different reducers which has will listen to particular type of the action and update the stores.

import { createSlice } from "@reduxjs/toolkit";

const counterInitialState={

    count:0

}

const counterSlice = createSlice({

    name:'counter',

    initialState:counterInitialState,

    reducers:{

        increment:(state)=>{

            state.count++

        },

        decrement:(state)=>{

            state.count--;

        },

        reset:(state)=>{

            state.count=0

        }

    }

})

export const counterSliceActions = counterSlice.actions;

export const counterSliceReducer = counterSlice.reducer

Step 4: We need to combine multiple slice into one root reducers which is then passed to the store provider.

import { combineReducers } from "@reduxjs/toolkit";

import { counterSliceReducer } from "./slices/counterSlice";

export const rootReducer = combineReducers({

    counter:counterSliceReducer

})

Step 6: