>>new react application:

npx create-react-app “name”

>>start

npm start

adding proxy :

Here is a workaround. Delete **"proxy": "http://localhost:6000"**. Install package http-proxy-middleware with command **npm install http-proxy-middleware --save**. Create a file setupProxy.js inside your src folder. Add these lines inside:

const { createProxyMiddleware } = require('http-proxy-middleware');

module.exports = function(app) {

app.use(

'/api',

createProxyMiddleware({

target: 'http://localhost:6000',

changeOrigin: true,

})

);

};

<https://stackoverflow.com/questions/70374005/invalid-options-object-dev-server-has-been-initialized-using-an-options-object>

match :

function ProductScreen() {

    const match = useParams()

    const [product, setProduct] = useState([])

    useEffect(() => {

        async function fetchProduct(){

            const { data } = await axios.get(`/api/products/${match.id}`)

            setProduct(data)

        }

        fetchProduct()

    }, [])

    //const match = useParams()

    //const product = products.find((p) => p.\_id == match.id ) // match .id is from the router

You can see the old vs new

Redux

Store.js =>>

import { createStore, combineReducers, applyMiddleware } from 'redux';

import thunk from 'redux-thunk';

import { composeWithDevTools } from 'redux-devtools-extension';

import { productListReducrs } from './reducers/productREducers';

;

const reducer = combineReducers({

    productList: productListReducrs,

})

const initialState = {}

const middlewear = [thunk]

const store = createStore(reducer, initialState, composeWithDevTools(applyMiddleware(...middlewear)))

export default store

Product reducer.js

import { PRODUCT\_LIST\_FAIL,

    PRODUCT\_LIST\_REQUEST,

    PRODUCT\_LIST\_SUCCESS } from '../constannts/productConstans.js';

export const productListReducrs = (state ={products:[]}, action) => {

    switch(action.type){

        case PRODUCT\_LIST\_REQUEST:

            return {loading:true, products:[]}

        case PRODUCT\_LIST\_SUCCESS:

            return {loading:false, products:action.payload}

        case PRODUCT\_LIST\_FAIL:

                return {loading:false, error:action.payload}

        default:

            return  state

    }

}

productActions.js

import axios from 'axios';

import { PRODUCT\_LIST\_FAIL,

    PRODUCT\_LIST\_REQUEST,

    PRODUCT\_LIST\_SUCCESS } from '../constannts/productConstans.js';

export const listProducts = () => async (dispatch) =>{

    try{

        dispatch({ type: PRODUCT\_LIST\_REQUEST })

        const { data } = await axios.get('/api/products/')

        dispatch({

            type: PRODUCT\_LIST\_SUCCESS,

            payload: data

        })

    }catch(error){

        dispatch({

            type: PRODUCT\_LIST\_FAIL,

            payload: error.response && error.response.data.message

            ? error.response.data.message

            : error.message

        })

    }

}

Home Screen

import React, {useState, useEffect} from 'react'

import { Link, useParams } from "react-router-dom";

//import products from '../products.js'

import { Row, Col } from 'react-bootstrap'

import Product from '../components/Product'

import { useDispatch, useSelector } from 'react-redux';

import { listProducts } from '../actions/productActions.js';

;

function HomeScreen() {

    const dispatch = useDispatch()

    const productList = useSelector(state => state.productList)

    const {error, loading, products} = productList

    useEffect(() => {

        dispatch(listProducts())

    }, [dispatch])

    return (

        <div>

            <h1>Latest Products</h1>

            {loading ? <h2> Loading...</h2>

                : error ? <h3>{error}</h3>

                    :

                    <Row>

                        {products.map(product => (

                            <Col key={product.\_id} sm={12} md={6} lg={4} xl={3}>

                             <Product product={product} />

                            </Col>

                ))}

                    </Row>

            }

        </div>

    )

}

export default HomeScreen

Searching params

import React, {useState, useEffect} from 'react'

import { useDispatch,useSelector } from 'react-redux';

import { listProductDetails } from '../actions/productActions.js';

import {Link, useParams,useSearchParams , useNavigate} from 'react-router-dom'

import {Row, Col, Image, ListGroup, Button, Card, Form} from 'react-bootstrap'

function CardScreen() {

    let [searchParams, setSearchParams] = useSearchParams()

    let [qty, setQty] = React.useState(searchParams.get('qty'))

    //console.log('qty',qty)

    return (

        <div>a

          <h1>This is my cart</h1>

          <div>qty = {qty}</div>

        </div>

    )

}

export default CardScreen