Terminal

* Used ls -File instead of ls -a: Lists all folder content including hidden files

|  |
| --- |
| **Frontend Installations:** |
| npx create-react-app Frontend |
| npm start |
| Match dependencies to video/github repo |
| In index.js file use render method instead of create root |
|  |
|  |
|  |
| **Frontend Installations: To be installed in the root (PROSHOP folder)** |
| npm init |
| npm i express |
| node backend/server |
|  |
|  |
|  |
|  |

Resource Links:

Navbar: <https://react-bootstrap.github.io/components/navbar/>

Bootstrap CSS: <https://bootswatch.com/lux/>

Icons: <https://fontawesome.com/search?p=1&q=star&s=solid%2Cbrands>

Customising Navbar background Colour: [**https://www.geeksforgeeks.org/how-to-change-navigation-bar-color-in-bootstrap/**](https://www.geeksforgeeks.org/how-to-change-navigation-bar-color-in-bootstrap/)

Customise Buttons: <https://getbootstrap.com/docs/4.0/components/buttons/>

Shortcuts:

rafce: react arrow function component export

impt: imports prop types

import React, {useEffect} from 'react'

import {Link} from 'react-router-dom'

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

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

import Rating from '../components/Rating'

import Message from '../components/Message'

import Loader from '../components/Loader'

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

const ProductScreen = ({match}) => {

  const dispatch = useDispatch()

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

  const {loading, error, product} = productDetails

  useEffect(() => {

    dispatch(listProductDetails(match.params.id))

  }, [dispatch, match])

  return (

    <>

      <Link className='btn btn-info, btn-outline-info my-3' to='/'>

        Go Back

      </Link>

       {loading ? (

        <Loader />

      ) : error ? (

        <Message variant='danger'>{error}</Message>

      ) : (

      <Row>

          <Col md={6}>

            <Image src={product.image} alt={product.name} fluid />

          </Col>

          <Col md={3}>

            <ListGroup variant='flush'>

              <ListGroup.Item>

                <h3>{product.name}</h3>

              </ListGroup.Item>

              <ListGroup.Item>

              <Rating

                    value={product.rating}

                    text={`${product.numReviews} reviews`}

                />

              </ListGroup.Item>

              <ListGroup.Item>Price: ${product.price}</ListGroup.Item>

              <ListGroup.Item>

                Description: {product.description}

              </ListGroup.Item>

            </ListGroup>

          </Col>

          <Col md={3}>

            <Card>

              <ListGroup variant='flush'>

                <ListGroup.Item>

                  <Row>

                    <Col>Price:</Col>

                    <Col>

                      <strong>${product.price}</strong>

                    </Col>

                  </Row>

                </ListGroup.Item>

                <ListGroup.Item>

                  <Row>

                    <Col>Status:</Col>

                    <Col>

                      {product.countInStock > 0 ? 'In Stock' : 'Out Of Stock'}

                    </Col>

                  </Row>

                </ListGroup.Item>

                <ListGroup.Item>

                  <Button

                    className='btn-block btn btn-info'

                    type='button'

                    disabled={product.countInStock === 0}

                  >

                    Add To Cart

                  </Button>

                </ListGroup.Item>

              </ListGroup>

            </Card>

          </Col>

        </Row>)

      }

    </>

  )

}

export default ProductScreen

|  |
| --- |
| Dependencies { |
|  | npm i react-router-dom@5.3.0 |
|  | npm install -S react-router-bootstrap@rr-v4 |
|  |  |
|  | } |
|  |  |
|  | 5. ml-auto to ms-auto (Align to right on navBar) |
|  |  |
|  | 13. Install http-proxy-middleware in frontend node with |
|  |  |
|  | npm install http-proxy-middleware --save |
|  |  |
|  | Then create a file inside src "src/setupProxy.js" |
|  |  |
|  | Then copy this in there. |
|  |  |
|  | "const { createProxyMiddleware } = require('http-proxy-middleware'); |
|  |  |
|  |  |
|  | module.exports = function(app) { |
|  |  |
|  | app.use( |
|  |  |
|  | '/api', |
|  |  |
|  | createProxyMiddleware({ |
|  |  |
|  | target: 'http://localhost:5000', |
|  |  |
|  | changeOrigin: true, |
|  |  |
|  | }) |
|  |  |
|  | ); |
|  |  |
|  | app.use( |
|  |  |
|  | '/uploads', |
|  |  |
|  | createProxyMiddleware({ |
|  |  |
|  | target: 'http://localhost:5000', |
|  |  |
|  | changeOrigin: true, |
|  |  |
|  | }) |
|  |  |
|  | ); |
|  |  |
|  | };" |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | Servers {run npm start in root for backend and npm start in frontend}, OR {npm run dev, in root folder} |

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