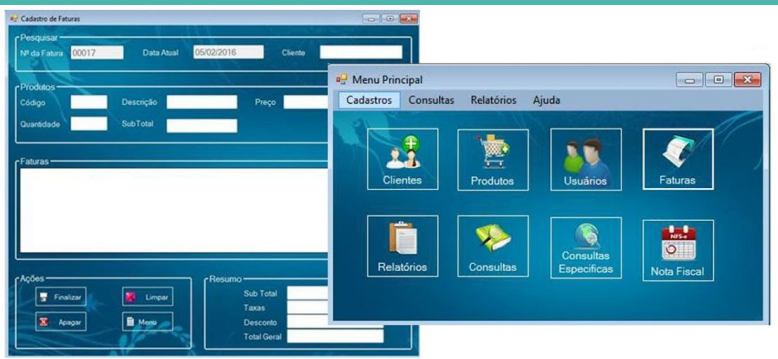

Desenvolvimento WEB

-

Full Stack Completo: Java + React

Entendendo a Navegação Entre Telas e Implementando o Menu do sistema



Front-end :: Navegação Entre Telas

Como visualizar as telas sem precisar ficar mudando sempre o componente no App.js ?

```
JS App.js  ×
src > JS App.js > App
1  import { Segment } from 'semantic-ui-react';
2  import './App.css';
3  import FormEntregador from './views/entregador/FormEntregador';
4
5  function App() {
6
7    return (
8
9      <div className="App">
10
11        <FormEntregador />
12
13        <div style={{marginTop: '6%'}}>
14          <Segment vertical color='grey' size='tiny' textAlign='center'>
15            &copy; 2023 - Projeto WEB III - IFPE Jaboatão dos Guararapes
16          </Segment>
17        </div>
18      </div>
19    );
20  };
21
22
23  export default App;
```

Front-end :: Navegação Entre Telas

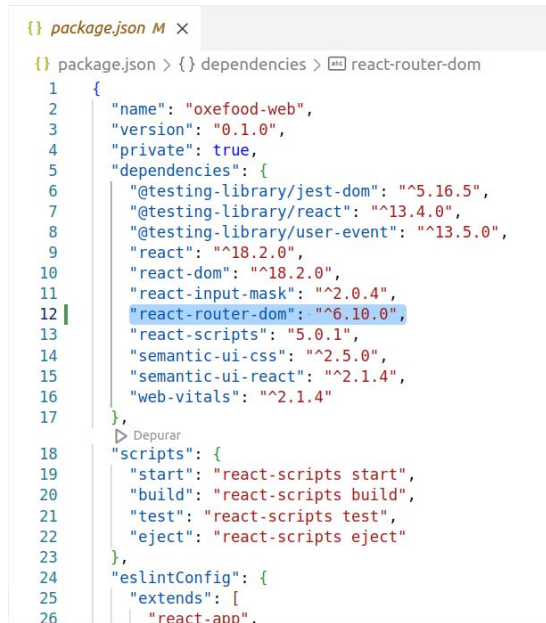
React Router DOM

- Vá para a raiz do projeto via terminal (cmd), e adicione a biblioteca do React Router DOM:

```
npm install react-router-dom
```



```
PROBLEMAS  SAÍDA  CONSOLE DE DEPURAÇÃO  TERMINAL
roberto@roberto-G3-3590:~/git/oxefood-web$ yarn add react-router-dom
yarn add v1.22.19
warning package-lock.json found. Your project contains lock files generated by tools other than Yarn. It is advise
d not to mix package managers in order to avoid resolution inconsistencies caused by unsynchronized lock files. To
clear this warning, remove package-lock.json.
[1/4] Resolving packages...
[2/4] Fetching packages...
[3/4] Linking dependencies...
warning " > @testing-library/user-event@13.5.0" has unmet peer dependency "@testing-library/dom@>=7.21.4".
warning "react-scripts > eslint-config-react-app > eslint-plugin-flowtype@8.0.3" has unmet peer dependency "@babel
/plugin-syntax-flow@^7.14.5".
warning "react-scripts > eslint-config-react-app > eslint-plugin-flowtype@8.0.3" has unmet peer dependency "@babel
/plugin-transform-react-jsx@^7.14.9".
warning "react-scripts > react-dev-utils > fork-ts-checker-webpack-plugin@6.5.3" has unmet peer dependency "typesc
ript@>= 2.7".
warning "react-scripts > eslint-config-react-app > @typescript-eslint/eslint-plugin > tsutils@3.21.0" has unmet pe
er dependency "typescript@>=2.8.0 || >= 3.2.0-dev || >= 3.3.0-dev || >= 3.4.0-dev || >= 3.5.0-dev || >= 3.6.0-dev
|| >= 3.6.0-beta || >= 3.7.0-dev || >= 3.7.0-beta".
[4/4] Building fresh packages...
success Saved lockfile.
success Saved 2 new dependencies.
info Direct dependencies
└─ react-router-dom@6.10.0
info All dependencies
└─ react-router-dom@6.10.0
└─ react-router@6.10.0
Done in 48.69s.
roberto@roberto-G3-3590:~/git/oxefood-web$
```



```
{ } package.json M ×
{ } package.json > { } dependencies > react-router-dom
1 {
2   "name": "oxefood-web",
3   "version": "0.1.0",
4   "private": true,
5   "dependencies": {
6     "@testing-library/jest-dom": "^5.16.5",
7     "@testing-library/react": "^13.4.0",
8     "@testing-library/user-event": "^13.5.0",
9     "react": "^18.2.0",
10    "react-dom": "^18.2.0",
11    "react-input-mask": "^2.0.4",
12    "react-router-dom": "^6.10.0",
13    "react-scripts": "5.0.1",
14    "semantic-ui-css": "^2.5.0",
15    "semantic-ui-react": "^2.1.4",
16    "web-vitals": "^2.1.4"
17  },
18  "scripts": {
19    "start": "react-scripts start",
20    "build": "react-scripts build",
21    "test": "react-scripts test",
22    "eject": "react-scripts eject"
23  },
24  "eslintConfig": {
25    "extends": [
26      "react-app".
```

Front-end :: Navegação Entre Telas

React Router DOM

- Modifique seu código adicionando o **texto em vermelho**:

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import { BrowserRouter } from "react-router-dom";
import 'semantic-ui-css/semantic.min.css';
import App from './App';
import './index.css';
import reportWebVitals from './reportWebVitals';

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <BrowserRouter>
      <App />
    </BrowserRouter>
  </React.StrictMode>
);

// If you want to start measuring performance in your app, pass a function
// to log results (for example: reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
reportWebVitals();
```

Front-end :: Navegação Entre Telas

React Router DOM

- Crie dentro da pasta src um novo componente para armazenar as rotas do sistema (Rotas.jsx):

```
import React from 'react';
import { Route, Routes } from "react-router-dom";

import FormCliente from './views/cliente/FormCliente';
import FormEntregador from './views/entregador/FormEntregador';
import Home from './views/home/Home';
import FormProduto from './views/produto/FormProduto';

function Rotas() {
  return (
    <>
      <Routes>
        <Route path="/" element={ <Home/> } />
        <Route path="form-cliente" element={ <FormCliente/> } />
        <Route path="form-produto" element={ <FormProduto/> } />
        <Route path="form-entregador" element={ <FormEntregador/> } />
      </Routes>
    </>
  )
}

export default Rotas
```

Front-end :: Navegação Entre Telas

React Router DOM

- Faça referência
Rotas dentro do arquivo `App.js`

```
import React from 'react';

import { Segment } from 'semantic-ui-react';
import './App.css';
import Rotas from './Rotas';

function App() {

  return (

    <div className="App">

      <Rotas />

      <div style={{marginTop: '6%'}}>
        <Segment vertical color='grey' size='tiny' textAlign='center'>
          &copy; 2023 - Projeto WEB III - IFPE Jaboatão dos Guararapes
        </Segment>
      </div>

    </div>

  );
}

export default App;
```

componente

Front-end :: Navegação Entre Telas

React Router DOM

- Teste a navegação entre telas mudando as rotas no navegador:

localhost:3001



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PERNAMBUCO

Bem vindo ao sistema **OxeFood** !
Este sistema foi desenvolvido na disciplina de Desenvolvimento para WEB III.

Para acessar o código da **API** do sistema, acesse:
<https://github.com/robertolencar/oxefood-api>

Para acessar o código do **Módulo WEB**, acesse:
<https://github.com/robertolencar/oxefood-web>

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localhost:3001/form-cliente

Cliente » Cadastro

Nome *	CPF
<input type="text"/>	<input type="text"/>
Fone Celular	Fone Fixo
<input type="text"/>	<input type="text"/>
Data Nascimento	
<input type="text" value="Ex: 20/03/1985"/>	
<input type="button" value="Voltar"/>	
<input type="button" value="Salvar"/>	

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Front-end :: Navegação Entre Telas

Implementando o Menu do Sistema

- Crie dentro da pasta `src` um novo componente para armazenar o menu do sistema (`MenuSistema.jsx`):

```
import React from "react";
import { Link } from "react-router-dom";
import { Menu } from "semantic-ui-react";

export default function MenuSistema (props) {

  return(
    <>
      <Menu inverted>

        <Menu.Item
          name='home'
          active={props.tela === 'home'}
          as={Link}
          to='/'
        />

        <Menu.Item
          name='cliente'
          active={props.tela === 'cliente'}
          as={Link}
          to='/form-cliente'
        />

      </Menu>
    </>
  )
}
```

```
        <Menu.Item
          name='produto'
          active={props.tela === 'produto'}
          as={Link}
          to='/form-produto'
        />

        <Menu.Item
          name='entregador'
          active={props.tela === 'entregador'}
          as={Link}
          to='/form-entregador'
        />

      </Menu>
    </>
  )
}
```

Front-end :: Navegação Entre Telas

Implementando o Menu do Sistema

- Faça referência ao componente `MenuSistema` dentro das telas que você já implentou

```
import React from "react";
import InputMask from 'react-input-mask';
import { Button, Container, Divider, Form, Icon } from 'semantic-ui-react';
import MenuSistema from '../MenuSistema';

export default function FormCliente () {

  return (

    <div>

      <MenuSistema tela={'cliente'} />

      <div style={{marginTop: '3%'}}>

        <Container textAlign='justified' >

          <h2> <span style={{color: 'darkgray'}}> Cliente &nbsp;<Icon name='angle double right' size="small" /> </span> Cadastro </h2>

          <Divider />

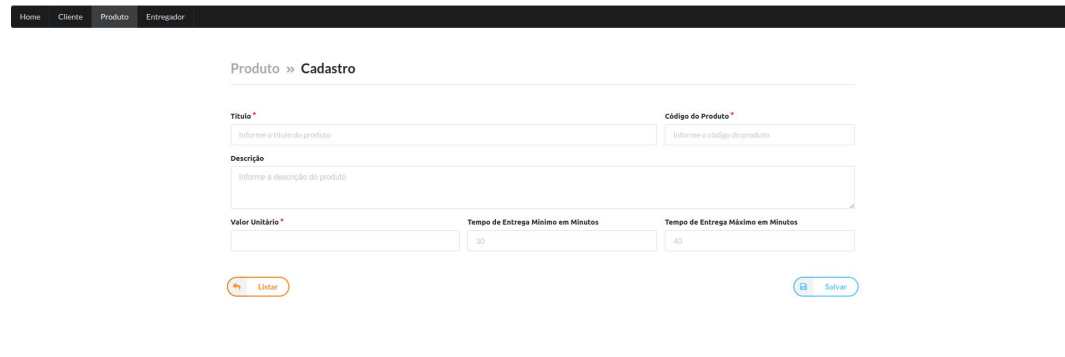
          <div style={{marginTop: '4%'}}>

            <Form>

              ...
```

Front-end :: Navegação Entre Telas

Implementando o Menu do Sistema



Dúvidas



Exercício

1) Implemente um menu no projeto front-end



The image features a white background with two large, solid green abstract shapes. One shape is a semi-circle on the left side, and the other is a more complex, organic shape on the right side. Centered between these shapes is the text "Obrigado !".

Obrigado !