

Exercício (Instruções): Componentes do React - Parte 2

Objetivos e resultados

Neste exercício, continuaremos a modificar o componente de menu do exercício anterior. Em vez de uma lista, usaremos um componente Card do reactstrap para exibir o menu de uma forma diferente. Também usaremos o componente Card para exibir os detalhes de um prato selecionado. Ao final deste exercício, você será capaz de:

- Usar o componente Card para exibir uma lista de itens.
- Usar o componente Card para exibir informações detalhadas.

Atualização do componente Menu

- Abra o *MenuComponent.js* e atualize seu conteúdo da seguinte forma. Observe que removemos a variável *dishes* do estado do componente e o atualizamos para usar o Card:

```
import React, { useState } from 'react';
import { Card, CardImg, CardImgOverlay, CardText, CardBody, CardTitle } from
'reactstrap';

const Menu = (props) => {
  const [selectedDish, setSelectedDish] = useState(null);

  const onDishSelect = (dish) => {
    setSelectedDish(dish);
  };

  const renderDish = (dish) => {
    if (dish !== null) {
      return (
        <Card>
          <CardImg top src={dish.image} alt={dish.name} />
          <CardBody>
            <CardTitle>{dish.name}</CardTitle>
            <CardText>{dish.description}</CardText>
          </CardBody>
        </Card>
      );
    } else {
      return <div></div>;
    }
  };

  const menu = props.dishes.map((dish) => {
    return (
      <div className="col-12 col-md-5 m-1" key={dish.id}>
        <Card onClick={() => onDishSelect(dish)}>
          <CardImg width="100%" src={dish.image} alt={dish.name} />

```

```

        <CardImgOverlay>
          <CardTitle>{dish.name}</CardTitle>
        </CardImgOverlay>
      </Card>
    </div>
  );
});

return (
  <div className="container">
    <div className="row">
      {menu}
    </div>
    <div className="row">
      <div className="col-12 col-md-5 m-1">
        {renderDish(selectedDish)}
      </div>
    </div>
  </div>
);
};

export default Menu;

```

- Adicione uma pasta chamada *shared* na pasta *src*.
- Na pasta *shared*, crie um novo arquivo chamado *dishes.js* e adicione o seguinte conteúdo a ele:

```

export const DISHES =
[
  {
    id: 0,
    name: 'Uthappizza',
    image: 'assets/images/uthappizza.png',
    category: 'mains',
    label: 'Hot',
    price: '4.99',
    description: 'A unique combination of Indian Uthappam (pancake) and Italian
pizza, topped with Cerignola olives, ripe vine cherry tomatoes, Vidalia onion,
Guntur chillies and Buffalo Paneer.',
    comments: [
      {
        id: 0,
        rating: 5,
        comment: "Imagine all the eatables, living in conFusion!",
        author: "John Lemon",
        date: "2012-10-16T17:57:28.556094Z"
      },
      {
        id: 1,
        rating: 4,
        comment: "Sends anyone to heaven, I wish I could get my mother-in-law

```

```

    to eat it!",
      author: "Paul McVites",
      date: "2014-09-05T17:57:28.556094Z"
    },
    {
      id: 2,
      rating: 3,
      comment: "Eat it, just eat it!",
      author: "Michael Jaikishan",
      date: "2015-02-13T17:57:28.556094Z"
    },
    {
      id: 3,
      rating: 4,
      comment: "Ultimate, Reaching for the stars!",
      author: "Ringo Starry",
      date: "2013-12-02T17:57:28.556094Z"
    },
    {
      id: 4,
      rating: 2,
      comment: "It's your birthday, we're gonna party!",
      author: "25 Cent",
      date: "2011-12-02T17:57:28.556094Z"
    }
  ],
  {
    id: 1,
    name: 'Zucchipakoda',
    image: 'assets/images/zucchipakoda.png',
    category: 'appetizer',
    label: '',
    price: '1.99',
    description: 'Deep fried Zucchini coated with mildly spiced Chickpea flour
batter accompanied with a sweet-tangy tamarind sauce',
    comments: [
      {
        id: 0,
        rating: 5,
        comment: "Imagine all the eatables, living in conFusion!",
        author: "John Lemon",
        date: "2012-10-16T17:57:28.556094Z"
      },
      {
        id: 1,
        rating: 4,
        comment: "Sends anyone to heaven, I wish I could get my mother-in-law
to eat it!",
        author: "Paul McVites",
        date: "2014-09-05T17:57:28.556094Z"
      },
      {
        id: 2,
        rating: 3,

```

```
        comment: "Eat it, just eat it!",
        author: "Michael Jaikishan",
        date: "2015-02-13T17:57:28.556094Z"
    },
    {
        id: 3,
        rating: 4,
        comment: "Ultimate, Reaching for the stars!",
        author: "Ringo Starry",
        date: "2013-12-02T17:57:28.556094Z"
    },
    {
        id: 4,
        rating: 2,
        comment: "It's your birthday, we're gonna party!",
        author: "25 Cent",
        date: "2011-12-02T17:57:28.556094Z"
    }
]
},
{
    id: 2,
    name: 'Vadonut',
    image: 'assets/images/vadonut.png',
    category: 'appetizer',
    label: 'New',
    price: '1.99',
    description: 'A quintessential ConFusion experience, is it a vada or is it
a donut?',
    comments: [
        {
            id: 0,
            rating: 5,
            comment: "Imagine all the eatables, living in conFusion!",
            author: "John Lemon",
            date: "2012-10-16T17:57:28.556094Z"
        },
        {
            id: 1,
            rating: 4,
            comment: "Sends anyone to heaven, I wish I could get my mother-in-law
to eat it!",
            author: "Paul McVites",
            date: "2014-09-05T17:57:28.556094Z"
        },
        {
            id: 2,
            rating: 3,
            comment: "Eat it, just eat it!",
            author: "Michael Jaikishan",
            date: "2015-02-13T17:57:28.556094Z"
        },
        {
            id: 3,
```

```

        rating: 4,
        comment: "Ultimate, Reaching for the stars!",
        author: "Ringo Starry",
        date: "2013-12-02T17:57:28.556094Z"
    },
    {
        id: 4,
        rating: 2,
        comment: "It's your birthday, we're gonna party!",
        author: "25 Cent",
        date: "2011-12-02T17:57:28.556094Z"
    }
]
},
{
    id: 3,
    name: 'ElaiCheese Cake',
    image: 'assets/images/elaicheesecake.png',
    category: 'dessert',
    label: '',
    price: '2.99',
    description: 'A delectable, semi-sweet New York Style Cheese Cake, with
Graham cracker crust and spiced with Indian cardamoms',
    comments: [
        {
            id: 0,
            rating: 5,
            comment: "Imagine all the eatables, living in conFusion!",
            author: "John Lemon",
            date: "2012-10-16T17:57:28.556094Z"
        },
        {
            id: 1,
            rating: 4,
            comment: "Sends anyone to heaven, I wish I could get my mother-in-law
to eat it!",
            author: "Paul McVites",
            date: "2014-09-05T17:57:28.556094Z"
        },
        {
            id: 2,
            rating: 3,
            comment: "Eat it, just eat it!",
            author: "Michael Jaikishan",
            date: "2015-02-13T17:57:28.556094Z"
        },
        {
            id: 3,
            rating: 4,
            comment: "Ultimate, Reaching for the stars!",
            author: "Ringo Starry",
            date: "2013-12-02T17:57:28.556094Z"
        },
        {

```

```

        id: 4,
        rating: 2,
        comment: "It's your birthday, we're gonna party!",
        author: "25 Cent",
        date: "2011-12-02T17:57:28.556094Z"
      }
    ]
  }
];

```

- Abra o *App.js* e atualize-o da seguinte forma:

```

import './App.css';
import React, { useState } from 'react'
import { Navbar, NavbarBrand } from 'reactstrap';
import Menu from './components/MenuComponent';
import { DISHES } from './shared/dishes';

function App() {
  const [dishes] = useState(DISHES);

  return (
    <div>
      <Navbar dark color="primary" expand="md">
        <div className="container">
          <NavbarBrand href="/">Ristorante Con Fusion</NavbarBrand>
          <div>Aluno: Fulano de Tal</div>
        </div>
      </Navbar>
      <Menu dishes={dishes} />
    </div>
  );
}

export default App;

```

Envio ao GitHub

- Salve as alterações e faça um commit no Git com a mensagem "Components Part 2".
- Atualize o README contendo as mudanças do exercício de hoje

Conclusões

Neste exercício, usamos uma lista de cartões para exibir as informações no componente de menu. Também usamos um cartão para exibir os detalhes de um prato selecionado.