Making Pages Interactive with JavaScript-enabled Components

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Overview

Using interactive components

Working with interactive components
- Carousel
- Dropdown
- Dialog

Using Interactive Components

Interactive Bootstrap components

Added through JavaScript

Based on jQuery

Not all components require this!

Required JavaScript Files

jQuery

Popper.js

Bootstrap.js

```
bootstrap/
├── css/
│   ├── bootstrap-grid.css
│   ├── bootstrap-grid.css.map
│   ├── bootstrap-grid.min.css
│   ├── bootstrap-grid.min.css.map
│   ├── bootstrap-reboot.css
│   ├── bootstrap-reboot.css.map
│   ├── bootstrap-reboot.min.css
│   ├── bootstrap-reboot.min.css.map
│   ├── bootstrap.css
│   ├── bootstrap.css.map
│   ├── bootstrap.min.css
│   └── bootstrap.min.css.map
└── js/
    ├── bootstrap.bundle.js
    ├── bootstrap.bundle.js.map
    ├── bootstrap.bundle.min.js
    ├── bootstrap.bundle.min.js.map
    ├── bootstrap.js
    ├── bootstrap.js.map
    ├── bootstrap.min.js
    └── bootstrap.min.js.map
```

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```
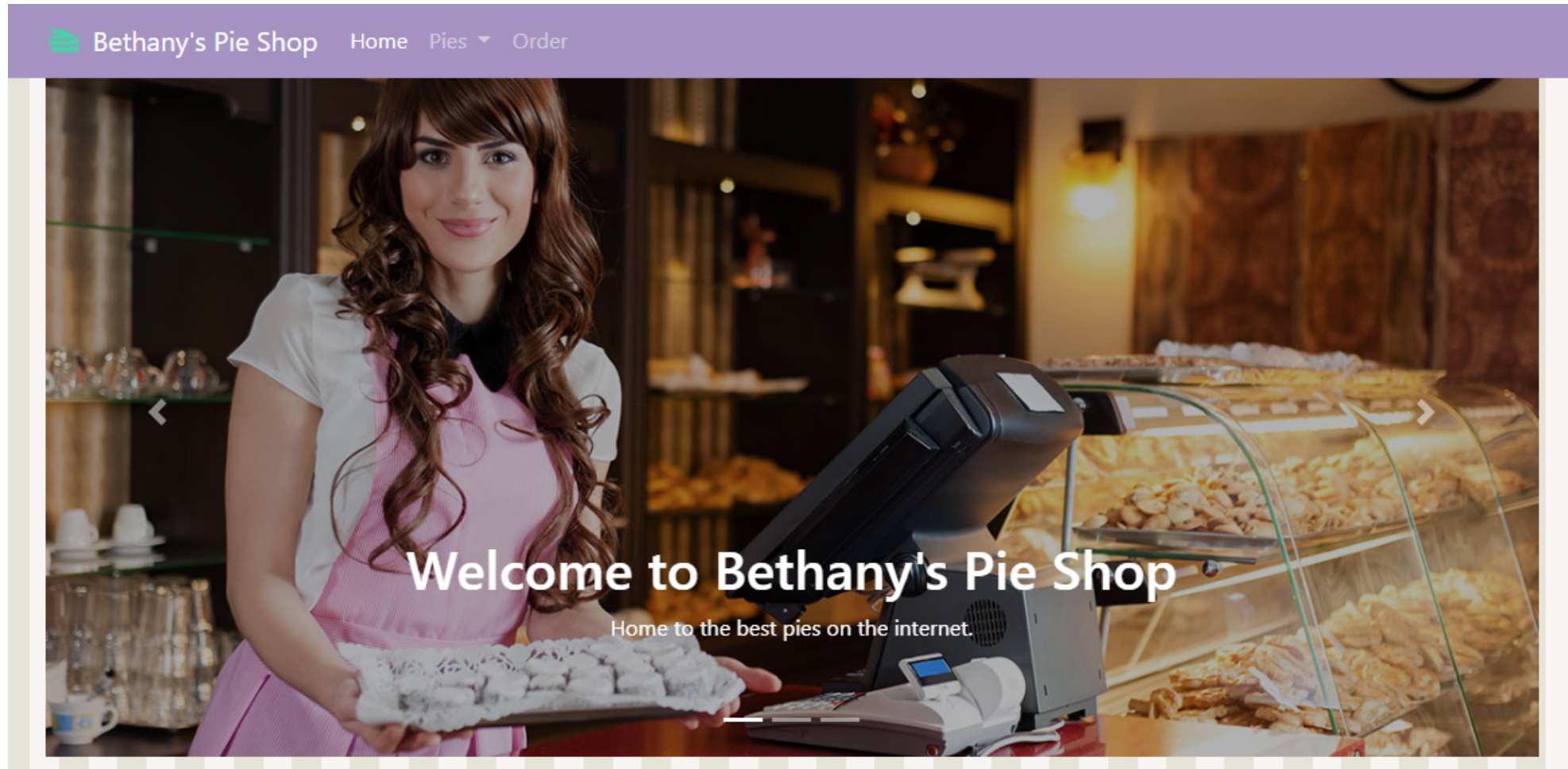
Working with Interactive Components

Adding a Carousel

```html
<div id="welcomeCarousel" class="carousel slide" data-ride="carousel">
```

Adding Interactivity Using data- Attributes

Works because of referenced JavaScript files

Options for the Carousel

ride

interval

keyboard

pause

wrap

touch

Demo

Adding the Carousel component to the home page

Demo

Adding a dropdown to the navbar

Demo

Adding a confirmation dialog to the detail page

Summary

Easy to add complex functionalities to our site
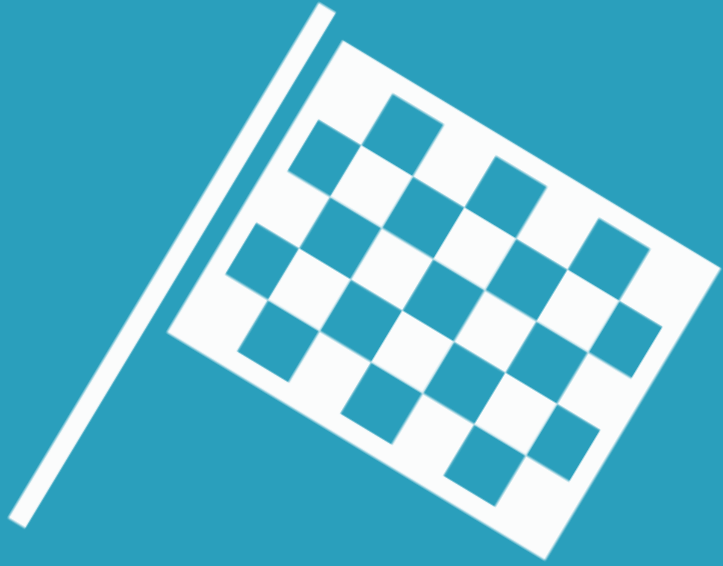
Based on jQuery in the current version

"Thank you this nice looking site!"

Bethany

Congratulations
on finishing this course!