Extending the Site
Using Bootstrap Components

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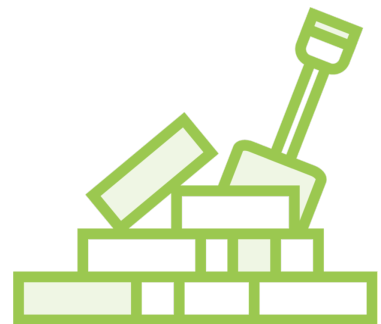
Overview

Understanding Bootstrap Components

Adding simple components to our pages
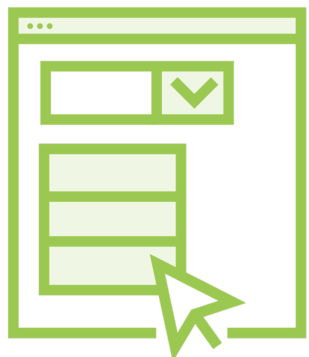
Understanding Bootstrap Components

Bootstrap Components

Ready-made building blocks

Work using CSS classes

Often rely on JavaScript for interactivity, part of Bootstrap

Looking at a First Component: Progress

```html
<div class="progress">
    <div class="progress-bar"
        role="progressbar"
        style="width: 50%"
        aria-valuenow="50"
        aria-valuemin="0"
        aria-valuemax="100">
    </div>
</div>
```
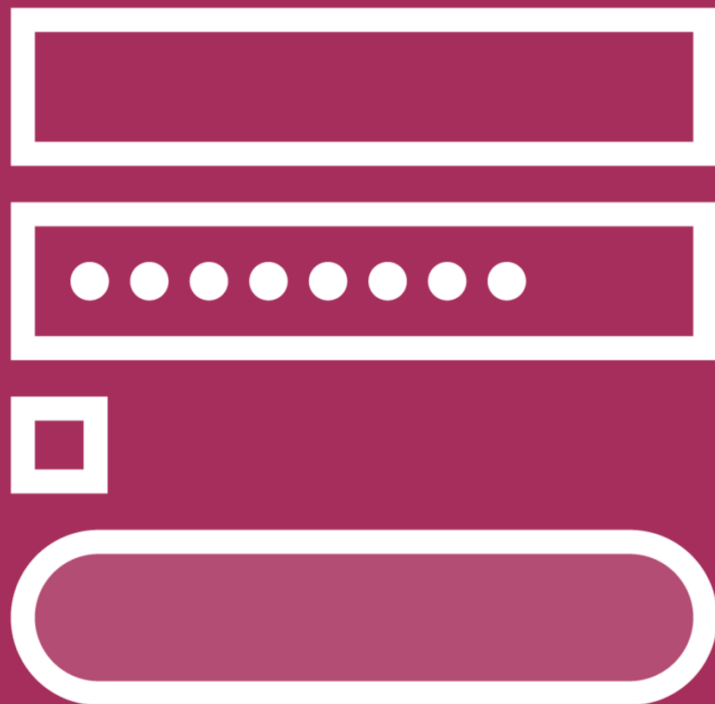
Basic Bootstrap Components

Alert	**Button**	**Breadcrumb**
Nav & Navbar	**Card**	**Progress**

Forms

Bootstrap contains many component related to creating modern forms

JavaScript-based Components

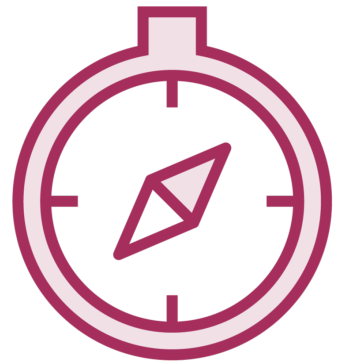There are many more components to be discovered which bring more interactive features
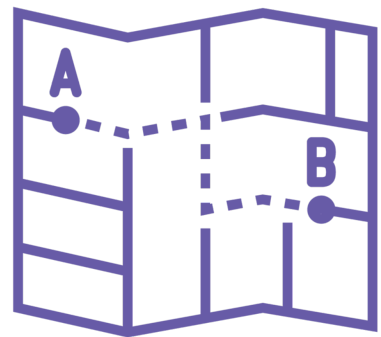
Demo

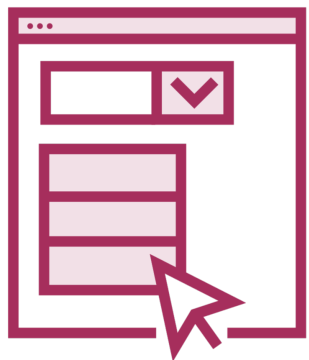**Adding a first component: the Progress component**

Adding Components to Our Pages

Introducing the Bootstrap nav Component

Generic way for navigation

.nav component

Use with menu items, pills, tabs or even dropdowns

Using the nav Component

A Basic Menu

```html
<ul class="nav">
    <li class="nav-item">
        <a class="nav-link active"
           aria-current="page" href="#">Home</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="#">Pies</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="#">Contact us</a>
    </li>
</ul>
```
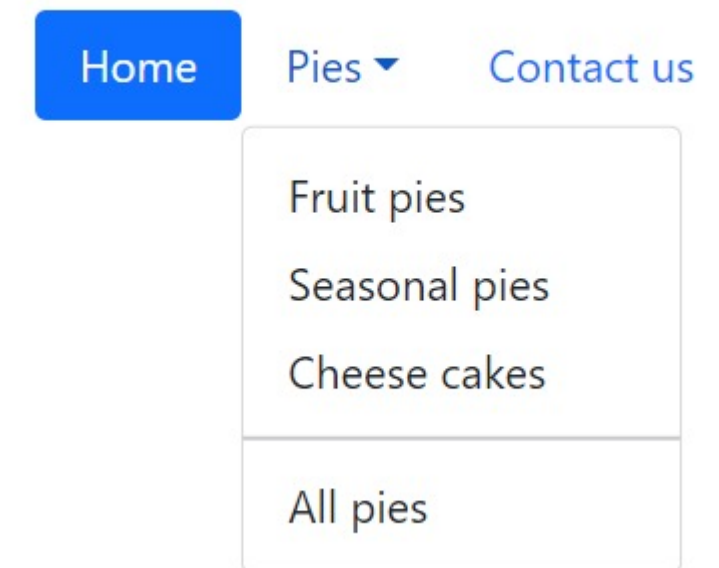
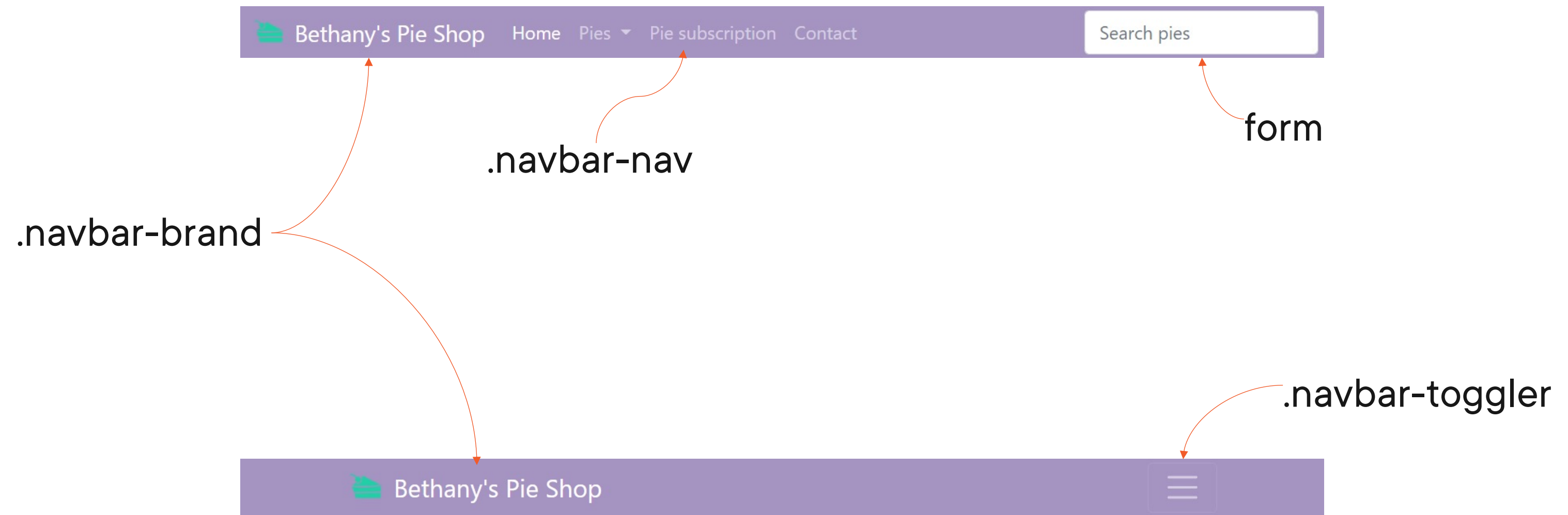Home   Pies   Contact us

Different Layout Options

Home | Pies | Contact us

Tabs

Home Pies Contact us

Pills

Home Pies ▾ Contact us

Fruit pies
Seasonal pies
Cheese cakes

All pies

Dropdown

Adding the navbar Component

Responsive navigation

Easy for mobile menu

Based on .navbar

Bethany's Pie Shop
Home
Pies ▾
Pie subscription
Contact
Search pies

The navbar Sub-components

Bethany's Pie Shop · Home · Pies ▾ · Pie subscription · Contact · Search pies

form

.navbar-nav

.navbar-brand

.navbar-toggler

Bethany's Pie Shop

Demo

Adding navigation to the site using nav and navbar

Demo

Extending the navigation features using the breadcrumb component

The Bootstrap Card Component

Apple pie

Our famous apple pies!
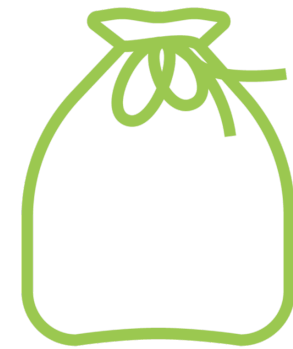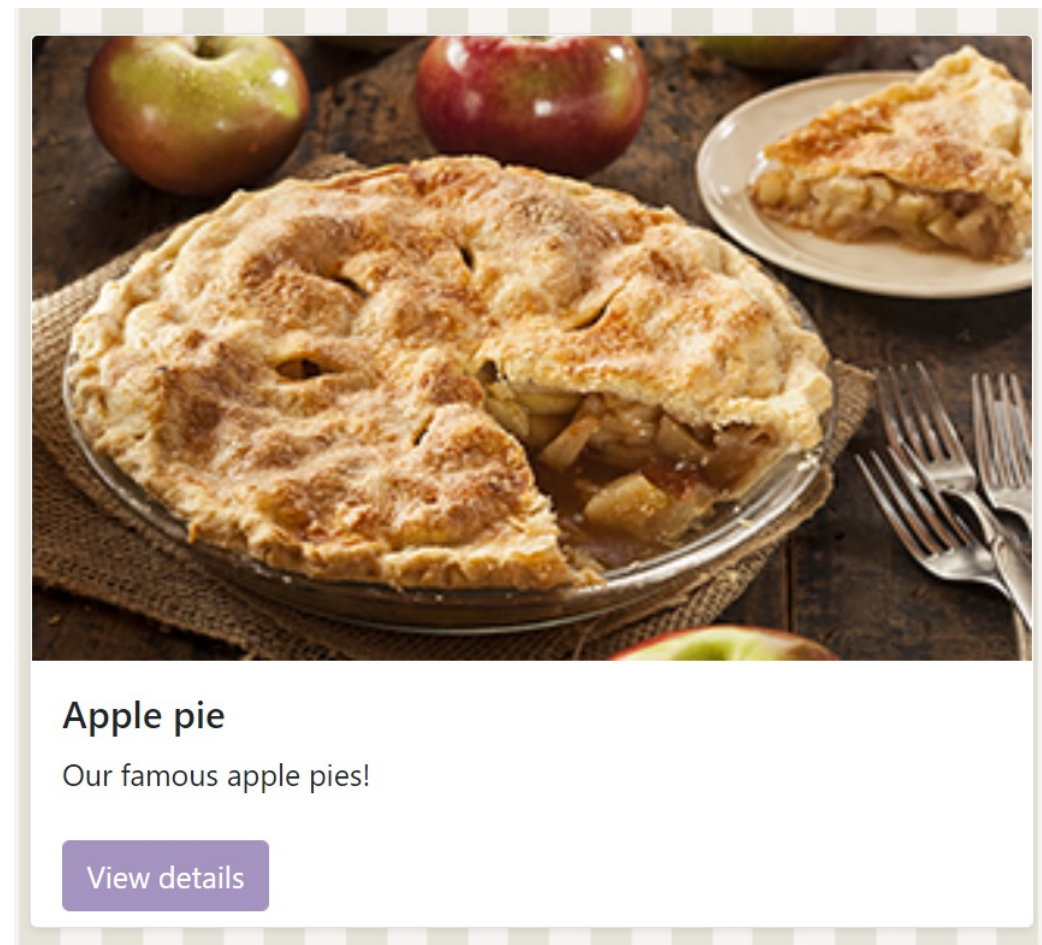
View details

Content container
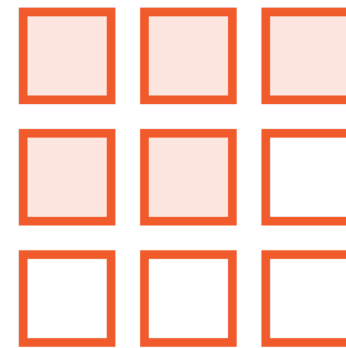
Use standalone or in list

Often combined with image

Using the Bootstrap Card

```html
<div class="card">
    <img class="card-img-top" src="applepiesmall.jpg">
    <div class="card-body">
        <h5 class="card-title">Apple pie</h5>
        <p class="card-text">Our famous apple pies!</p>
    </div>
    <div class="card-footer">
        <a href="applepie.html" class="btn btn-primary">View details</a>
    </div>
</div>
```
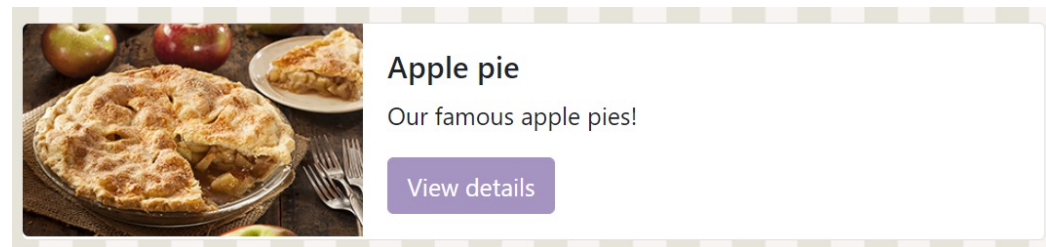
Card Options

Horizontal

Using an image

Full background color

Demo

Using the card in the list page

Summary

Components can be used to introduce otherwise complex functionality to a site

Some components require support of JavaScript to unleash their functionality

– Bundled with the Bootstrap download

INPUT

Up next:
Creating a Bootstrap-enabled form