

A wooden cutting board is the central focus, surrounded by an assortment of fresh ingredients. At the top left, there's a whole carrot with its green leafy top, a head of garlic, and some loose garlic cloves. To the right of the carrot are stalks of celery and a piece of ginger. Further right are several white button mushrooms and a bunch of green leeks. On the left side of the board, a small wooden spoon holds a pile of orange powder, likely turmeric. At the bottom left, a large red bell pepper is visible. Along the bottom edge, there's a green cucumber, a bunch of cherry tomatoes, and several red and green chili peppers. A sprig of fresh basil sits near the center bottom. On the right side, a wooden spoon is filled with small green peppercorns, and a purple beet is partially visible. The entire scene is set on a dark, weathered wooden background.

Breakfast Ramble

A website about breakfast recipes from around the world

Starring:

Chef Anastassia Titova

Chef Jessica Boudreault

Chef Taline Sert

Responsive Header, Navbar and Footer

BREAKFAST RAMBLE

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BREAKFAST RAMBLE



```
<div class="container">
  →<header class="row">
    →<h1 class="col">BREAKFAST RAMBLE</h1>
  </header>
```

The first thing we needed to learn in order to make the page responsive is to make a class="container", which will hold the entire page.

Then we separate each major element into rows (div class="row"), and then columns (div class="col") within those rows.

The header was its own row, and only had one column: Breakfast Ramble, which made it very easy.

Responsive Header, Navbar and Footer

Home About Us How To Blog Shop Contact Us Pick a Country ▼

Search



Search



```
→div class="row">
  →div class="col ml-auto">
    <div class="navbar navbar-expand-md navbar-dark" id="navBar">

      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent">
        <span><i class="fas fa-bars hamburgerToggler"></i></span>
      </button>

      <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav">
          <li><a href="index.html">Home</a></li>
```

The next column is further down



Next, we had to apply the exact same logic to our next element: The navbar.

We separated this row into two columns: the navigation links, and the search bar.

The navigation links were made responsive in a different way, which this presentation will illustrate later.

Responsive Header, Navbar and Footer

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```
→<div class="row" id="footerBreakfast">
  →<div class="col-lg-4 col-12 text-center p-3" id="adress">
    Head Office:<br>48 Whitby Road<br>DENHEAD<br>DD11 0BQ
  </div>
  →<div class="col-lg-4 col-12 text-center p-3" id="socialMedia">
    Follow us!
    <div id="socialIcons">
      <a href=""><i class="fab fa-facebook-square"></i></a>
      <a href=""><i class="fab fa-instagram-square"></i></a>
      <a href=""><i class="fab fa-twitter-square"></i></a>
    </div>
  </div>
  →<div class="col-lg-4 col-12 text-center p-3" id="signUpNewsletter">
    <p>Sign up for our Newsletter for new recipes every week!</p>
    <span id="signUp"><a href="contactus.html">Sign me up!</a></span>
  </div>
</div>
```

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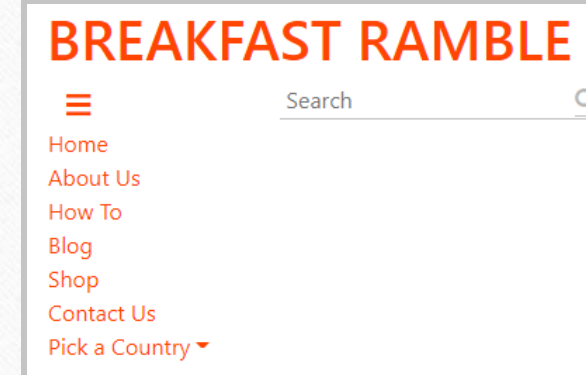
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The footer was one row, with three columns, evenly spaced out. When the screen becomes small, each column will stack on top of the other, making it easier to read and interact with on a mobile phone.

Hamburger Toggler



Hamburger Toggler

The div that holds the navbar must have a class="navbar-expand-*<size of screen>* Which will ensure that the navbar becomes normal at that specified size.

```
<div class="navbar navbar-expand-md navbar-dark" id="navBar">  
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent">  
    <span><i class="fas fa-bars hamburgerToggler"></i></span>  
  </button>  
  
  <div class="collapse navbar-collapse" id="navbarSupportedContent">  
    <ul class="navbar-nav">  
      <li><a href="index.html">Home</a></li>
```

Hamburger Toggler

```
<div class="navbar navbar-expand-md navbar-dark" id="navBar">
```

```
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent">
    <span><i class="fas fa-bars hamburgerToggler"></i></span>
  </button>
```

```
<div class="collapse navbar-collapse" id="navbarSupportedContent">
```

```
  <ul class="navbar-nav">
```

```
    <li><a href="index.html">Home</a></li>
```

```
    <li><a href="aboutus.html">About Us</a> </li>
```

```
    <li><a href="techniques.html">How To</a></li>
```

```
    <li><a href="blog.html">Blog</a></li>
```

```
    <li><a href="shop.html">Shop</a></li>
```

```
    <li><a href="contactus.html">Contact Us</a></li>
```

```
    <li class="dropdown">
```

I immediately added the
<button> for the toggler
within the navbar.

Remember to specify both:

Data-toggle="collapse"

And

Data-target="#<id of the div holding the navigation items>"

Data-target allows you to link the toggler to the navbar.

It's very easy to nest things improperly.

When I first attempted to do this, the toggler would not show. Formatting is key in order to stay organized!

Hamburger Toggler



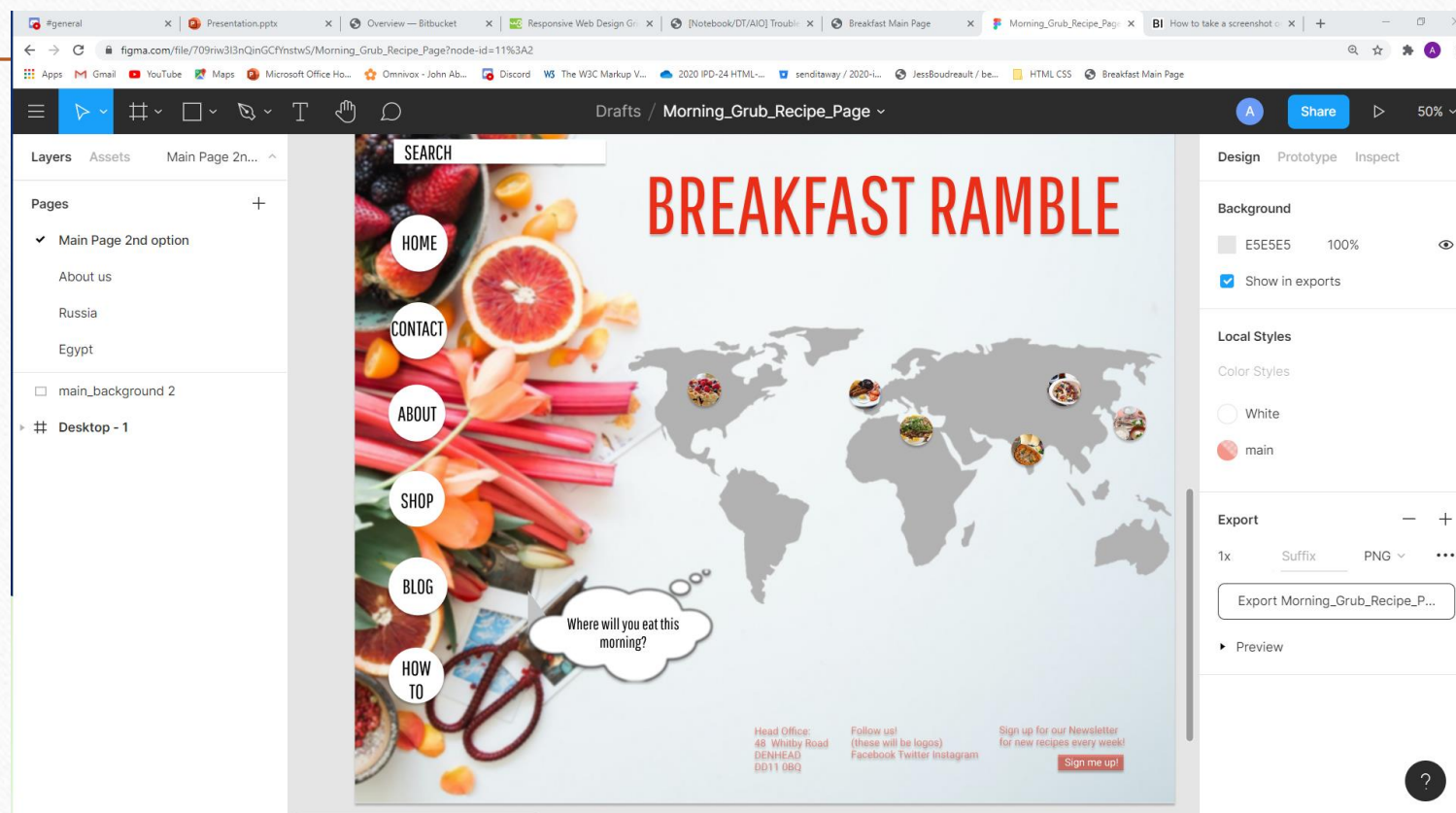
Of course, you need to add a toggler icon. You can use Bootstrap; however, I used my own icon in order to alter its appearance in my own CSS file.

```
<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent">  
  <span><i class="fas fa-bars hamburgerToggler"></i></span>  
</button>
```

Because the default color of the Bootstrap toggler was white, and my background was white, I could not find the icon.

This was a common problem that arose with Bootstrap. It is important to plan and learn how each class affects your page.

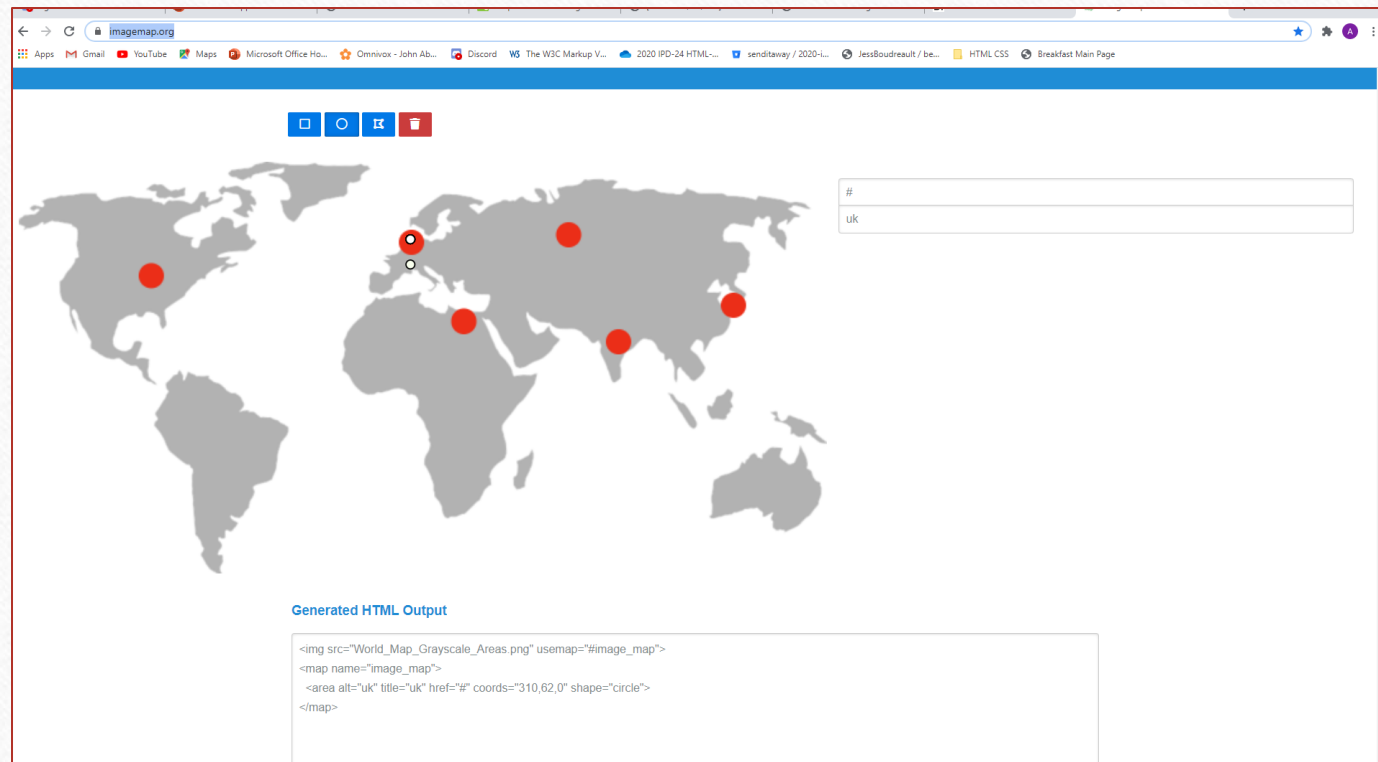
Main page with Image Map



Steps to create Image map with pop-up images

1. To find an image with transparent background
2. To add dots and labels where the links are going to be mapped
3. To generate map coordinates with on-line Map Generator software
4. To code the pop-up window with an image
5. To test the main page

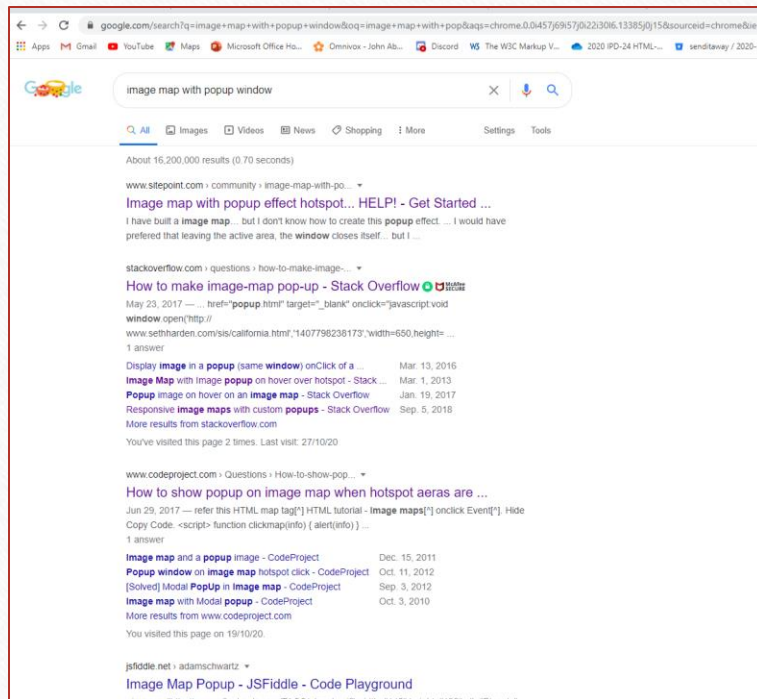
Using <https://imagemap.org/> to create HTML code



HTML code in index.html

- `<div id="mapNav">`
- ``
- `<map name="image_map">`
- `<area class="recipeUSA" alt="USA" title="" href="recipeusa.html" coords="107,91,20" shape="circle">`
- `<area class="recipeUK" alt="UK" title="" href="recipeuk.html" coords="310,64,20" shape="circle">`
- `<area class="recipeRussia" alt="Russia" title="" href="recipeRussia.html" coords="436,58,20" shape="circle">`
- `<area class="recipeJapan" alt="Japan" title="" href="recipeJapan.html" coords="565,114,20" shape="circle">`
- `<area class="recipeEgypt" alt="Egypt" title="" href="recipeEgypt.html" coords="352,125,20" shape="circle">`
- `<area class="recipeIndia" alt="India" title="" href="recipeIndia.html" coords="475,143,20" shape="circle">`
- `</map>`
- `</div> <!-- mapNav-->`

Google knows everything



2 solutions

- Tooltip with some text

- Pop-up window with JavaScript

Tooltip Solution without Javascript

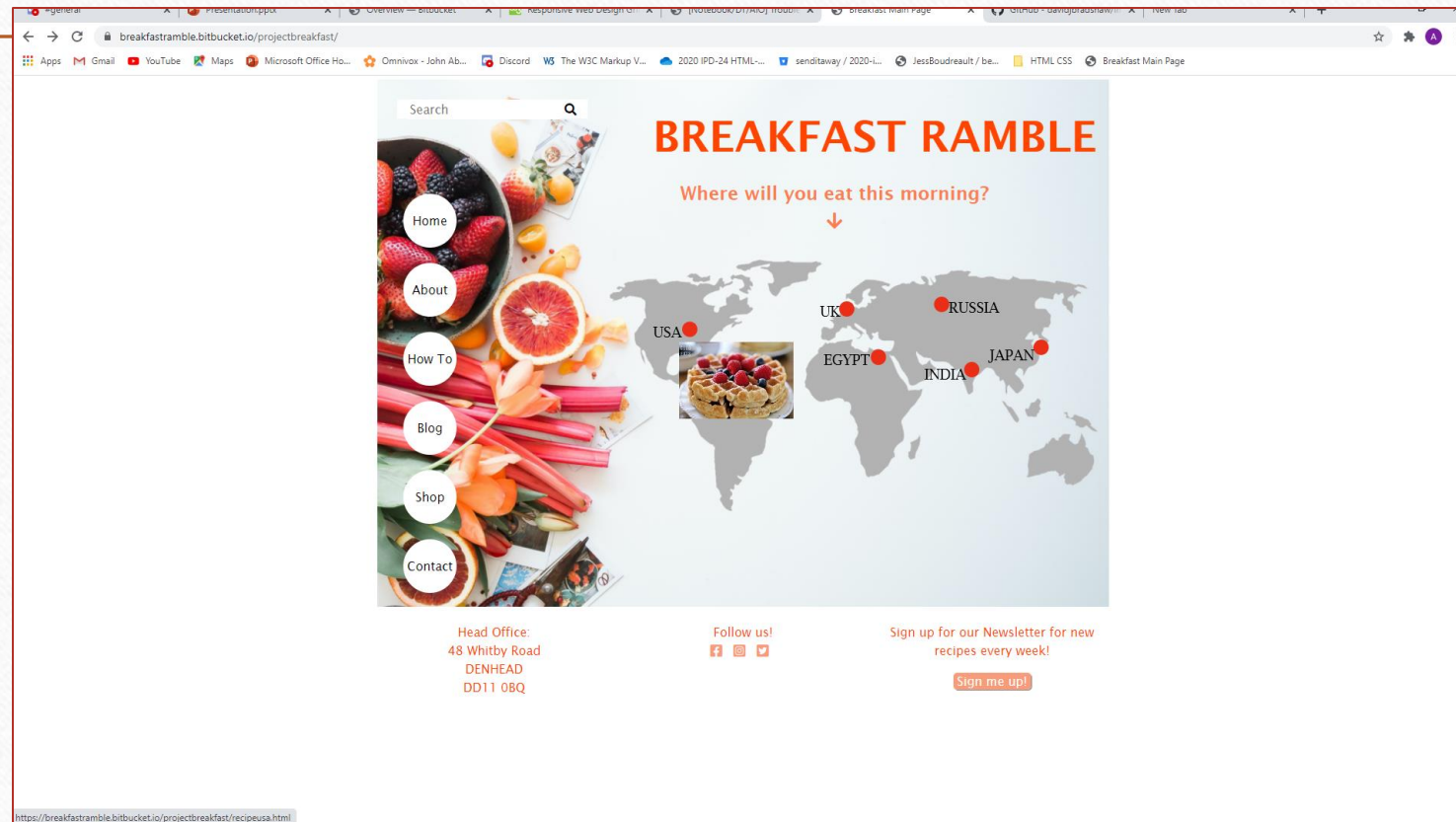
HTML side

```
• <div id="mapNav">
•
• 
• <map name="image_map">
• <area class="recipeUSA" alt="USA" title="" href="recipeusa.html" coords="107,91,20" shape="circle">
• <area class="recipeUK" alt="UK" title="" href="recipeuk.html" coords="310,64,20" shape="circle">
• <area class="recipeRussia" alt="Russia" title="" href="recipeRussia.html" coords="436,58,20" shape="circle">
• <area class="recipeJapan" alt="Japan" title="" href="recipeJapan.html" coords="565,114,20" shape="circle">
• <area class="recipeEgypt" alt="Egypt" title="" href="recipeEgypt.html" coords="352,125,20" shape="circle">
• <area class="recipeIndia" alt="India" title="" href="recipeIndia.html" coords="475,143,20" shape="circle">
• </map>
• </div> <!-- mapNav-->
```


Tooltip solution – CSS side

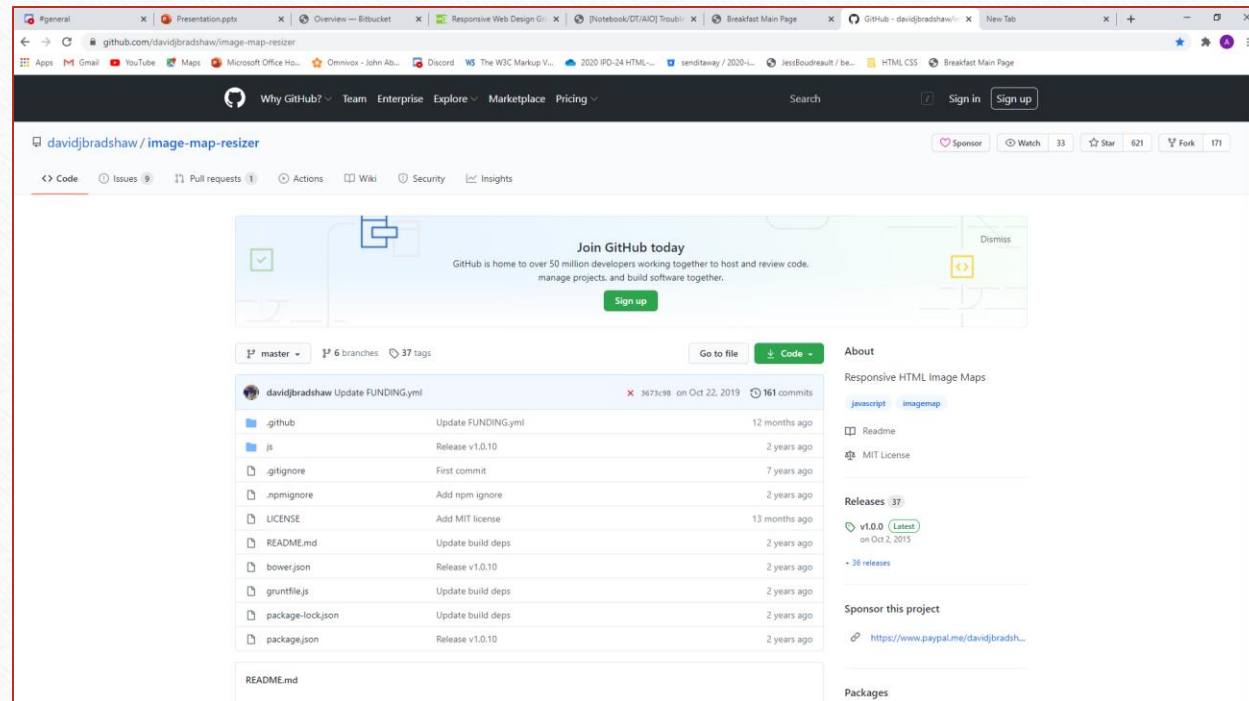
- `div#mapNav {`
- `position: relative;`
- `width: 640px;`
- `height: 327px;`
- `}`
- `map area[title]:hover:after {`
- `position: absolute;`
- `z-index: 2;`
- `}`
- `area.recipeUSA[title]:hover:after {`
- `content: url(photos/waffleIcon.jpg);`
- `top: 107px;`
- `left: 91px;`
- `}`

And it Works !



The FUTURE - Responsive design

davidjbradshaw/image-map-resizer




Display for Different Sizes – But How?




BREAKFAST RAMBLE

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Basic Cooking



Techniques



SAUTEING

This method cooks food quickly in a small amount of fat in a skillet over relatively high heat while stirring or tossing constantly. The term sauté comes from the French verb sauter, which means "to jump" and describes not only how food reacts when placed in a hot pan but also the method of tossing the food in the pan. This technique is best for tender, small pieces of food, such as sliced chicken breast, sliced steak, shrimp, and mushrooms

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Accordion example

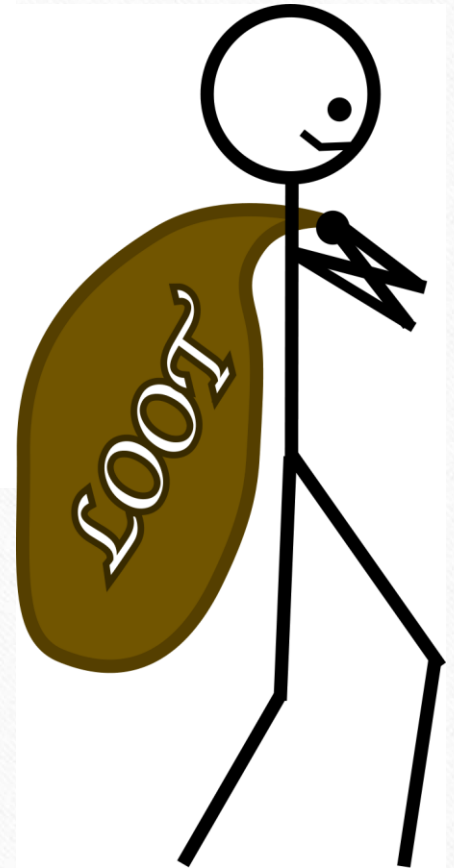
Using the [card](#) component, you can extend the default collapse behavior to create an accordion.

[Collapsible Group Item #1](#)

[Collapsible Group Item #2](#)

[Collapsible Group Item #3](#)

Anim pariatur cliche reprehenderit, enim eiusmod high life accusamus terry richardson ad squid. 3 wolf moon officia aute, non cupidatat skateboard dolor brunch. Food truck quinoa nesciunt laborum eiusmod. Brunch 3 wolf moon tempor, sunt aliqua put a bird on it squid single-origin coffee nulla assumenda shoreditch et. Nihil anim keffiyeh helvetica, craft beer labore wes anderson cred nesciunt sapiente ea proident. Ad vegan excepteur butcher vice lomo. Leggings occaecat craft beer farm-to-table, raw denim aesthetic synth nesciunt you probably haven't heard of them accusamus labore sustainable VHS.



Solution! - Display Properties & Responsive Utilities

Responsive Utilities

OUTDATED!!



```
<div class="container zeroPaddingRight">
  <div class="row imageBackground zeroPaddingRight">
    <div class="col-sm-2 hidden-md-up">
      <div id="accordion" class="smallDisplay">
        <h3 class="smallDisplay color-orangered">CHOOSE THE CO
```

Hidden-md-up; makes it only visible for Extra Small and Small devices... but **NOT THE SOLUTIONS!...** So now what?

	Extra small devices Portrait phones (<544px)	Small devices Landscape phones (≥544px - <768px)	Medium devices Tablets (≥768px - <992px)	Large devices Desktops (≥992px - <1200px)	Extra large devices Desktops (≥1200px)
.hidden-xs-down	Hidden	Visible	Visible	Visible	Visible
.hidden-sm-down	Hidden	Hidden	Visible	Visible	Visible
.hidden-md-down	Hidden	Hidden	Hidden	Visible	Visible
.hidden-lg-down	Hidden	Hidden	Hidden	Hidden	Visible
.hidden-xl-down	Hidden	Hidden	Hidden	Hidden	Hidden
.hidden-xs-up	Hidden	Hidden	Hidden	Hidden	Hidden
.hidden-sm-up	Visible	Hidden	Hidden	Hidden	Hidden
.hidden-md-up	Visible	Visible	Hidden	Hidden	Hidden
.hidden-lg-up	Visible	Visible	Visible	Hidden	Hidden
.hidden-xl-up	Visible	Visible	Visible	Visible	Hidden

Solution! - Display Properties & Responsive Utilities

Display Properties

Can easily be combined with other classes.

D-none d-sm-block d-md-block; to hide column content on Extra Small and Small screens.

```
</div>
<div class="col-sm-2 d-none d-sm-block d-md-block">
  <div class="nav flex-column nav-pills" id="v-pills">
    <a class="nav-link navPillStyle rounded-circle">
    <a class="nav-link navPillStyle rounded-circle">
    <a class="nav-link navPillStyle rounded-circle">
    <a class="nav-link navPillStyle rounded-circle">
    <a class="nav-link navPillStyle rounded-circle">
  </div>
</div>
```

```
<div class="col-sm-8 zeroPaddingRight narrowPaddingLeft d-none d-sm-block d-md-block">
  <div class="tab-content fullHeight" id="v-pills-tabContent">
```

Screen Size	Class
Hidden on all	<code>.d-none</code>
Hidden only on xs	<code>.d-none .d-sm-block</code>
Hidden only on sm	<code>.d-sm-none .d-md-block</code>
Hidden only on md	<code>.d-md-none .d-lg-block</code>
Hidden only on lg	<code>.d-lg-none .d-xl-block</code>
Hidden only on xl	<code>.d-xl-none</code>
Visible on all	<code>.d-block</code>
Visible only on xs	<code>.d-block .d-sm-none</code>
Visible only on sm	<code>.d-none .d-sm-block .d-md-none</code>
Visible only on md	<code>.d-none .d-md-block .d-lg-none</code>
Visible only on lg	<code>.d-none .d-lg-block .d-xl-none</code>
Visible only on xl	<code>.d-none .d-xl-block</code>




Display for Different Sizes – I did it!!

Extra Large, Large and Medium Bootstrap Toggable Tabs


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Basic Cooking



Techniques






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Small and Extra Small Bootstrap Accordion

BREAKFAST RAMBLE

Basic Cooking




Techniques

CHOOSE THE COOKING TECHNIQUE:

SAUTEING

ROASTING

BLANCHING






Blanching involves dipping food briefly into boiling water, then cooling it quickly in ice water. Blanching is often used to prepare food for canning or freezing. With no added fat, boiled foods may be bland, but you can season them with olive oil and lemon juice or vinegar after cooking. A rule of thumb is to add green vegetables to rapidly boiling water, but start starchy vegetables like potatoes in cold water and then bring the water to a boil.

STEAMING

SEARING

POACHING

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In the future...

Jess:

I would make a check-out page from the Shop page

I would add a carousel on the items of shop page for more shopping items

Anastassia:

Extra-time I would have used to recreate the how-to-page , starting from the design for a phone and moving to a desktop version – from small to large.

Tee:

If I had an extra week, I'd like to create a whole new look for the website when used on a phone (responsive)

I would learn how to style better using bootstrap classes