



## Slicing up the header

Now comes the time where we can grab a template and start hacking to break it up into the areas we need. We are going to use a template from the bootstrap website.

Free template download

Seeing the `index.html` file we can verify what should go inside the header .php file. See html below:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Moderna - Bootstrap 3 flat corporate template</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<meta name="description" content="" />
<meta name="author" content="http://bootstraptaste.com" />
<!-- css -->
<link href="css/bootstrap.min.css" rel="stylesheet" />
<link href="css/fancybox/jquery.fancybox.css" rel="stylesheet">
<link href="css/jcarousel.css" rel="stylesheet" />
<link href="css/flexslider.css" rel="stylesheet" />
<link href="css/style.css" rel="stylesheet" />

<!-- Theme skin -->
<link href="skins/default.css" rel="stylesheet" />

<!-- =====
Theme Name: Moderna
Theme URL: https://bootstrapmade.com/free-bootstrap-template-corporate-moderna/
Author: BootstrapMade
Author URL: https://bootstrapmade.com
===== -->

</head>
<body>
<div id="wrapper">
  <!-- start header -->
```

```

<header>
  <div class="navbar navbar-default navbar-static-top">
    <div class="container">
      <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#navbar-collapse">
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="index.html"><span>M</span>oderna</a>
      </div>
      <div class="navbar-collapse collapse">
        <ul class="nav navbar-nav">
          <li class="active"><a href="index.html">Home</a></li>
          <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" data-hover="dropdown">
              <ul class="dropdown-menu">
                <li><a href="typography.html">Typography</a></li>
                <li><a href="components.html">Components</a></li>
                <li><a href="pricingbox.html">Pricing box</a></li>
              </ul>
            </a>
          </li>
          <li><a href="portfolio.html">Portfolio</a></li>
          <li><a href="blog.html">Blog</a></li>
          <li><a href="contact.html">Contact</a></li>
        </ul>
      </div>
    </div>
  </header>
  <!-- end header -->
  <section id="featured">
    <!-- start slider -->
    <div class="container">
      <div class="row">
        <div class="col-lg-12">
          <!-- Slider -->
          <div id="main-slider" class="flexslider">
            <ul class="slides">
              <li>
                
                <div class="flex-caption">
                  <h3>Modern Design</h3>
                  <p>Duis fermentum auctor ligula ac malesuada. Mauris et metus odio, in pulvinar  

                    <a href="#" class="btn btn-theme">Learn More</a>
                </div>
              </li>
            </ul>
          </div>
        </div>
      </div>
    </div>
  </section>

```

```

<li>
  
  <div class="flex-caption">
    <h3>Fully Responsive</h3>
    <p>Sodales neque vitae justo sollicitudin aliquet sit amet diam curabitur sed
    <a href="#" class="btn btn-theme">Learn More</a>
  </div>
</li>
<li>
  
  <div class="flex-caption">
    <h3>Clean & Fast</h3>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit donec mer lacinia.
    <a href="#" class="btn btn-theme">Learn More</a>
  </div>
</li>
</ul>
</div>
<!-- end slider -->
</div>
</div>
</div>

```

```

</section>
<section class="callaction">
<div class="container">
  <div class="row">
    <div class="col-lg-12">
      <div class="big-cta">
        <div class="cta-text">
          <h2><span>Moderna</span> HTML Business Template</h2>
        </div>
      </div>
    </div>
  </div>
</div>
</section>
<section id="content">
<div class="container">
  <div class="row">
    <div class="col-lg-12">
      <div class="row">
        <div class="col-lg-3">
          <div class="box">
            <div class="box-gray aligncenter">

```

```

        <h4>Fully responsive</h4>
        <div class="icon">
        <i class="fa fa-desktop fa-3x"></i>
        </div>
        <p>
        Voluptatem accusantium doloremque laudantium sprea totam rem aper
        </p>

    </div>
    <div class="box-bottom">
        <a href="#">Learn more</a>
    </div>
</div>
<div class="col-lg-3">
    <div class="box">
        <div class="box-gray aligncenter">
            <h4>Modern Style</h4>
            <div class="icon">
            <i class="fa fa-pagelines fa-3x"></i>
            </div>
            <p>
            Voluptatem accusantium doloremque laudantium sprea totam rem aper
            </p>

        </div>
        <div class="box-bottom">
            <a href="#">Learn more</a>
        </div>
    </div>
</div>
<div class="col-lg-3">
    <div class="box">
        <div class="box-gray aligncenter">
            <h4>Customizable</h4>
            <div class="icon">
            <i class="fa fa-edit fa-3x"></i>
            </div>
            <p>
            Voluptatem accusantium doloremque laudantium sprea totam rem aper
            </p>

        </div>
        <div class="box-bottom">
            <a href="#">Learn more</a>
        </div>
    </div>
</div>

```

```

    </div>
    <div class="col-lg-3">
        <div class="box">
            <div class="box-gray aligncenter">
                <h4>Valid HTML5</h4>
                <div class="icon">
                    <i class="fa fa-code fa-3x"></i>
                </div>
                <p>
                    Voluptatem accusantium doloremque laudantium sprea totam rem aper
                </p>
            </div>
            <div class="box-bottom">
                <a href="#">Learn more</a>
            </div>
        </div>
    </div>
</div>
<!-- divider -->
<div class="row">
    <div class="col-lg-12">
        <div class="solidline">
        </div>
    </div>
</div>
<!-- end divider -->
<!-- Portfolio Projects -->
<div class="row">
    <div class="col-lg-12">
        <h4 class="heading">Recent Works</h4>
        <div class="row">
            <section id="projects">
                <ul id="thumbs" class="portfolio">
                    <!-- Item Project and Filter Name -->
                    <li class="col-lg-3 design" data-id="id-0" data-type="web">
                        <div class="item-thumbs">
                            <!-- Fancybox - Gallery Enabled - Title - Full Image -->
                            <a class="hover-wrap fancybox" data-fancybox-group="gallery" title="Work 1">
                                <span class="overlay-img"></span>
                                <span class="overlay-img-thumb font-icon-plus"></span>
                            </a>
                            <!-- Thumb Image and Description -->
                            
                    </li>
                </ul>
            </section>
        </div>
    </div>
</div>

```



```

<div class="widget">
  <h5 class="widgetheading">Get in touch with us</h5>
  <address>
    <strong>Moderna company Inc</strong><br>
    Modernbuilding suite V124, AB 01<br>
    Someplace 16425 Earth </address>
  <p>
    <i class="icon-phone"></i> (123) 456-7890 - (123) 555-7891 <br>
    <i class="icon-envelope-alt"></i> email@domainname.com
  </p>
</div>
</div>
<div class="col-lg-3">
  <div class="widget">
    <h5 class="widgetheading">Pages</h5>
    <ul class="link-list">
      <li><a href="#">Press release</a></li>
      <li><a href="#">Terms and conditions</a></li>
      <li><a href="#">Privacy policy</a></li>
      <li><a href="#">Career center</a></li>
      <li><a href="#">Contact us</a></li>
    </ul>
  </div>
</div>
<div class="col-lg-3">
  <div class="widget">
    <h5 class="widgetheading">Latest posts</h5>
    <ul class="link-list">
      <li><a href="#">Lorem ipsum dolor sit amet, consectetur adipiscing elit.</a></li>
      <li><a href="#">Pellentesque et pulvinar enim. Quisque at tempor ligula</a></li>
      <li><a href="#">Natus error sit voluptatem accusantium doloremque</a></li>
    </ul>
  </div>
</div>
<div class="col-lg-3">
  <div class="widget">
    <h5 class="widgetheading">Flickr photostream</h5>
    <div class="flickr_badge">
      <script type="text/javascript" src="https://www.flickr.com/badge_code_v2.js"></script>
    </div>
    <div class="clear">
    </div>
  </div>
</div>
</div>
<div id="sub-footer">

```





```
</html>
```

Here we want to make decisions on what is going to be part of the header.php file. For the most part I include the navigation and sometimes the header images as well in the blog template. However in this case not every page has the header image so I will only include the navigation.

```
<!DOCTYPE html>
```

```
<html <?php language_attributes(); ?> class="no-js no-svg">
```

```
<head>
```

```
<meta charset="<?php bloginfo( 'charset' ); ?>">
```

```
<title>Test Template</title>
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<meta name="description" content="" />
```

```
<meta name="author" content="http://bootstraptaste.com" />
```

```
<!-- css -->
```

```
<link href="css/bootstrap.min.css" rel="stylesheet" />
```

```
<link href="css/fancybox/jquery.fancybox.css" rel="stylesheet">
```

```
<link href="css/jcarousel.css" rel="stylesheet" />
```

```
<link href="css/flexslider.css" rel="stylesheet" />
```

```
<link href="css/style.css" rel="stylesheet" />
```

```
<!-- Theme skin -->
```

```
<link href="skins/default.css" rel="stylesheet" />
```

```
<!-- =====
```

```
Theme Name: Moderna
```

```
Theme URL: https://bootstrapmade.com/free-bootstrap-template-corporate-moderna/
```

```
Author: BootstrapMade
```

```
Author URL: https://bootstrapmade.com
```

```
===== -->
```

```
<?php wp_head(); ?>
```

```
</head>
```

```
<body <?php body_class(); ?>>
```

```
<div id="wrapper">
```

```
<!-- start header -->
```

```
<header>
```

```
<div class="navbar navbar-default navbar-static-top">
```

```
<div class="container">
```

```
<div class="navbar-header">
```

```
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
</button>
```

```
<a class="navbar-brand" href="index.html"><span>M</span>oderna</a>
```

```

</div>
<div class="navbar-collapse collapse ">
    <ul class="nav navbar-nav">
        <li class="active"><a href="index.html">Home</a></li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle " data-toggle="dropdown" data-hover="dropdown">
                <ul class="dropdown-menu">
                    <li><a href="typography.html">Typography</a></li>
                    <li><a href="components.html">Components</a></li>
                    <li><a href="pricingbox.html">Pricing box</a></li>
                </ul>
            </li>
            <li><a href="portfolio.html">Portfolio</a></li>
            <li><a href="blog.html">Blog</a></li>
            <li><a href="contact.html">Contact</a></li>
        </ul>
    </div>
</div>
</div>
</header>

```

Notice there are some functions that I leave in place that WordPress gives us from the twentyseventeen theme set. Later we may move our navigation to a separate area as well and include it as a template part.

## Asset files

We will also move all asset file calls to the `functions.php` file. While we are here in the functions file we can alter the theme name prefix. This is more of a label and help if we are going to be using a language file down the road.

```

function sitepoint_css() {
    // Add custom fonts, used in the main stylesheet.
    wp_enqueue_style( 'sitepoint-fonts', sitepoint_fonts_url(), array(), null );

    wp_enqueue_style( 'sitepoint-style', get_stylesheet_uri() );
    wp_enqueue_style( 'sitepoint-bootstrap', get_theme_file_uri('/css/bootstrap.min.css'), array(), 1.0 );
    wp_enqueue_style( 'sitepoint-fancybox', get_theme_file_uri('/css/fancybox/jquery.fancybox.css'), array(), 1.0 );
    wp_enqueue_style( 'sitepoint-carousel', get_theme_file_uri('/css/jcarousel.css'), array(), 1.0 );
    wp_enqueue_style( 'sitepoint-flexslider', get_theme_file_uri('/css/flexslider.css'), array(), 1.0 );
    wp_enqueue_style( 'sitepoint-style', get_theme_file_uri('/css/style.css'), array(), 1.0 );
    wp_enqueue_style( 'sitepoint-default', get_theme_file_uri('/css/default.css'), array(), 1.0 );
}
add_action( 'wp_enqueue_scripts', 'sitepoint_css' );

```

## Custom Logo

We can give the user the ability to upload their own logo for the top portion of the website. We do so with by enabling it in our `functions.php` file by adding the theme support below.

```
add_theme_support( 'custom-logo' );
```

After that we can configure how the logo will be uploaded and what sizes are allowed. On upload it will give the user the ability to crop it.

```
function themename_custom_logo_setup() {
    $defaults = array(
        'height'      => 100,
        'width'       => 400,
        'flex-height' => true,
        'flex-width'  => true,
        'header-text' => array( 'site-title', 'site-description' ),
    );
    add_theme_support( 'custom-logo', $defaults );
}
add_action( 'after_setup_theme', 'themename_custom_logo_setup' );
```

The height and width are pretty self explanatory but the flex-height just means we want our logo to have a flexible height.

To display our logo on our theme we would just put this in our header.

```
if ( function_exists( 'the_custom_logo' ) ) {
    the_custom_logo();
}
```

## Custom Headers

We can also allow the user to add a custom header to the page. We can add the following to our `functions.php` file.

```
add_theme_support( 'custom-header' );
```

```
function themename_custom_header_setup() {
    $defaults = array(
        // Default Header Image to display
        'default-image'      => get_template_directory_uri() . '/images/headers/default.jpg',
        // Display the header text along with the image
        'header-text'       => false,
        // Header text color default
        'default-text-color' => '000',
        // Header image width (in pixels)
        'width'             => 1000,
        // Header image height (in pixels)
        'height'            => 198,
        // Header image random rotation default
    );
}
```

```

    'random-default'      => false,
    // Enable upload of image file in admin
    'uploads'            => false,
    // function to be called in theme head section
    'wp-head-callback'    => 'wphead_cb',
    // function to be called in preview page head section
    'admin-head-callback' => 'adminhead_cb',
    // function to produce preview markup in the admin screen
    'admin-preview-callback' => 'adminpreview_cb',
    );
}
add_action( 'after_setup_theme', 'themename_custom_header_setup' );

```

We don't need all these parameters but these are what we are able to pass to the function to setup the custom header. Then in our header file we could put the following:

```

<?php if ( get_header_image() ) : ?>
    <div id="site-header">
        <a href="<?php echo esc_url( home_url( '/' ) ); ?>" rel="home">
            width; ?>"
        </a>
    </div>
<?php endif; ?>

```

This will load what the user has uploaded for a customer header.