Lecture Materials – Week 4

Responsive Images

- 2 approaches : write your own code
                 use Bootstrap

- code : use fluid measurements

$\longrightarrow$

```
eg.  img {
          width: 100%,
          height: auto;
          max-width: 750 px;
          min-width: 200 px;
     }
```

- Bootstrap

  - image classes : img-responsive
                    img-rounded
                    img-circle
                    img-thumbnail

Bootstrap Tables

- \<table\> classes : .table
                     .table-striped
                     .table-bordered
                     .table-hover
                     .table-responsive

- table class = foundation → must be included for other table classes to work
                adds padding & horizontal dividers

- table-striped class = adds background color to odd rows → zebra stripes

- table-bordered class = adds borders to table & individual cells

- table-hover class = adds hover state styling

- table-responsive class = < 768 px → adds horizontal scroll bar to table
                           > 768 px → default view
                           must be declared in parent element

- \<tr\>,\<th\>,\<td\> classes : .active   grey bg
                                .success   green bg
                                .info   blue bg
                                .warning   yellow bg
                                .danger   red bg

classes don't have any semantic value

- Bootstrap table styling = very nuanced/subtle
- write own style/overwrite Bootstrap styles for more impactful styling

What Are Templates?

- Bootstrap templates: http://www.bootstrapzero.com/
  http://startbootstrap.com/

- template tutorial: 1) decide on a template that best supports your content
  2) download the code
  3) modify the HTML & replace w/ own content
  4) add/remove HTML & CSS components

Bootstrap 4

- changes: faster (from Less → Sass)
  new grid tier
  new customization options
  moved to rem & em units

Conclusion

- responsive design = key component to web design
- touches on/affects: user experience
  graphical design
  SEO