

INTERNET DESIGN 1

# Styleguide

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PART 5

## Components

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Like many of the elements we've worked with so far, components are an important concept to understand. They should be consistent throughout the website, this helps users understand how your website works.

## HTML

```
<title>{Your Name} - Components</title>

<li><a href="components.html" class="active">Components</a></li>

<!-- Primary Page Layout ----- -->
<div class="container">

  <ul class="breadcrumb">
    <li><a href="/">Home</a></li>
    <li>Components</li>
  </ul>

  <h1>Components</h1>
  <p class="lead">Here are some elements you'll commonly use through out web projects you'll have.</p>

  <h2>Form Elements</h2>
  <div class="row">
    <div class="six columns">
      <label>Text Field</label>
      <input type="text" placeholder="Placeholder Text">
    </div>
    <div class="six columns">
      <label>Select List</label>
      <select>
        <option value="" selected="selected">- Select -</option>
        <option value="1">option 1</option>
        <option value="2">option 2</option>
      </select>
    </div>
    <label>Text Area</label>
    <textarea placeholder="Placeholder Text"></textarea>
  </div>

  <div class="row">
    <div class="six columns">
      <label>Radio Buttons</label>
      <div class="radio-checkbox">
        <input type="radio"><label>Radio Button 1</label>
      </div>
      <div class="radio-checkbox">
        <input type="radio"><label>Radio Button 2</label>
      </div>
    </div>
    <div class="six columns">
      <label>Checkboxes</label>
      <div class="radio-checkbox">
        <input type="checkbox"><label>Checkbox 1</label>
      </div>
      <div class="radio-checkbox">
        <input type="checkbox"><label>Checkbox 2</label>
      </div>
    </div>
  </div>

  <h2>Buttons</h2>
  <div class="row button-row">
    <div class="three columns">
      <a class="button" href="#">Solid</a>
    </div>
    <div class="three columns">
      <a class="button hover" href="#">Solid - Hover</a>
    </div>
    <div class="three columns"></div>
    <div class="three columns"></div>
  </div>
  <br>
  <div class="row button-row">
    <div class="three columns">
      <a class="button outline" href="#">Outline</a>
    </div>
    <div class="three columns">
      <a class="button outline hover" href="#">Outline - Hover</a>
    </div>
    <div class="three columns"></div>
    <div class="three columns"></div>
  </div>
</div>
```

1. Make a duplicate of the layouts.html file
2. Replace the title text to include "Components"
3. Change the body class to components
4. Switch the active class from Layouts to the Components link
5. The first section we have is forms, commonly used for contact pages, support requests, login or sign ups.
6. Buttons are closely associated with forms, but also used throughout a web page to call attention to important links.

```

<h2>Table</h2>
<div class="row">
  <table>
    <thead>
      <tr>
        <th>Name</th>
        <th>Age</th>
        <th>Sex</th>
        <th>Location</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>John John Florence</td>
        <td>26</td>
        <td>Male</td>
        <td>North Shore, Oahu, Hawaii</td>
      </tr>
      <tr>
        <td>Jordy Smith</td>
        <td>31</td>
        <td>Male</td>
        <td>Durban, South Africa</td>
      </tr>
      <tr>
        <td>Sage Erickson</td>
        <td>28</td>
        <td>Female</td>
        <td>Ojai, California, U.S.A.</td>
      </tr>
    </tbody>
  </table>
</div>

<h2>Tabs</h2>
<div class="tab">
  <button class="tablinks" onclick="openCity(event, 'Tab1')" id="defaultOpen">Tab 1</button>
  <button class="tablinks" onclick="openCity(event, 'Tab2')">Tab 2</button>
  <button class="tablinks" onclick="openCity(event, 'Tab3')">Tab 3</button>
</div>

<div id="Tab1" class="tabcontent">
  <h3>Tab 1</h3>
  <p>Ut rhoncus nunc at massa porttitor lobortis. Sed nunc purus, luctus eget consectetur id,
  consectetur vel tellus. Maecenas ac feugiat neque. Vestibulum laoreet pellentesque ornare. Nullam ut
  sollicitudin velit. Integer tempor elit vitae iaculis rutrum. Etiam volutpat turpis ante. Donec et
  eros magna. In ut tempus nulla. Maecenas at tristique purus. Praesent a pretium nibh.</p>
</div>

<div id="Tab2" class="tabcontent">
  <h3>Tab 2</h3>
  <p>Ut rhoncus nunc at massa porttitor lobortis. Sed nunc purus, luctus eget consectetur id,
  consectetur vel tellus. Maecenas ac feugiat neque. Vestibulum laoreet pellentesque ornare. Nullam ut
  sollicitudin velit. Integer tempor elit vitae iaculis rutrum. Etiam volutpat turpis ante. Donec et
  eros magna. In ut tempus nulla. Maecenas at tristique purus. Praesent a pretium nibh.</p>
</div>

<div id="Tab3" class="tabcontent">
  <h3>Tab 3</h3>
  <p>Ut rhoncus nunc at massa porttitor lobortis. Sed nunc purus, luctus eget consectetur id,
  consectetur vel tellus. Maecenas ac feugiat neque. Vestibulum laoreet pellentesque ornare. Nullam ut
  sollicitudin velit. Integer tempor elit vitae iaculis rutrum. Etiam volutpat turpis ante. Donec et
  eros magna. In ut tempus nulla. Maecenas at tristique purus. Praesent a pretium nibh.</p>
</div>

<h2>Accordion</h2>
<div class="row">
  <button class="accordion">Section 1</button>
  <div class="panel">
    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut
    labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco
    laboris nisi ut aliquip ex ea commodo consequat.</p>
  </div>

  <button class="accordion">Section 2</button>
  <div class="panel">
    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut
    labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco
    laboris nisi ut aliquip ex ea commodo consequat.</p>
  </div>

  <button class="accordion">Section 3</button>
  <div class="panel">
    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut
    labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco
    laboris nisi ut aliquip ex ea commodo consequat.</p>
  </div>
</div>

```

7. Tables, for the most part you want to avoid them. They have their place but they don't work well on phones. Interesting fact, emails are typically created as tables. Yikes! Old programming that's hard to get away from.
8. Tabs, a fantastic way to condense information into sections that you can expand as needed. One downside is that you're hiding content.
9. Accordions are very similar to tabs, but they tend to be the go to layout for FAQs and such.

```

<h2>Expanding Grid</h2>
<div class="row expanding-grid">
  <div class="two columns" onclick="openTab('b1');">
    
    <h6>Kelly Slater</h6>
    <a onclick="openTab('b1');">Learn More</a>
  </div>
  <div class="two columns" onclick="openTab('b2');">
    
    <h6>Sally Fitzgibbons</h6>
    <a onclick="openTab('b2');">Learn More</a>
  </div>
  <div class="two columns" onclick="openTab('b3');">
    
    <h6>Jordy Smith</h6>
    <a onclick="openTab('b3');">Learn More</a>
  </div>
  <div class="two columns" onclick="openTab('b4');">
    
    <h6>Silvana Lima</h6>
    <a onclick="openTab('b4');">Learn More</a>
  </div>
  <div class="two columns" onclick="openTab('b5');">
    
    <h6>John John Florence</h6>
    <a onclick="openTab('b5');">Learn More</a>
  </div>
  <div class="two columns" onclick="openTab('b6');">
    
    <h6>Sage Erickson</h6>
    <a onclick="openTab('b6');">Learn More</a>
  </div>
</div>

<!-- Full-width columns: (hidden by default) -->
<div id="b1" class="containerTab" style="display:none;">
  <span onclick="this.parentElement.style.display='none'" class="closebtn">&times;</span>
  <div class="row">
    <div class="four columns">
      <h3>Kelly Slater</h3>
    </div>
    <div class="eight columns">
      <h6>Bio</h6>
      <p>Kelly Slater is the greatest surfer of all time. He has a death grip on nearly every major record in the sport, including his 11 World Titles, 55 career victories, as well as being the youngest and oldest World Champion in men's history. He ushered in a new era of high-performance surfing when he arrived on the scene in 1990, incorporating intentional fin releases and a m...</p>
    </div>
  </div>
</div>

<div id="b2" class="containerTab" style="display:none;">
  <span onclick="this.parentElement.style.display='none'" class="closebtn">&times;</span>
  <div class="row">
    <div class="four columns">
      <h3>Sally Fitzgibbons</h3>
    </div>
    <div class="eight columns">
      <h6>Bio</h6>
      <p>Sally Fitzgibbons was born an athlete. From an early age she decided she wanted to be a champion at something. She played soccer, touch football and cross-country running, and ended up a national champion middle distance runner in High School. For Fitzgibbons, all those sports fed off each other, but ultimately, her love for surfing is what won out. It's hard...</p>
    </div>
  </div>
</div>

<div id="b3" class="containerTab" style="display:none;">
  <span onclick="this.parentElement.style.display='none'" class="closebtn">&times;</span>
  <div class="row">
    <div class="four columns">
      <h3>Jordy Smith</h3>
    </div>
    <div class="eight columns">
      <h6>Bio</h6>
      <p>Jordy Smith set off one of the biggest bidding wars in industry history after winning the World Junior Championship in 2006 and the Qualifying Series in 2007. Though he was being lobbied by the likes of Tiger Woods and Michael Jordan to join Nike, he elected to go with O'Neill, who he's been with ever since. He earned his first two Championship Tour wins in...</p>
    </div>
  </div>
</div>

<div id="b4" class="containerTab" style="display:none;">
  <span onclick="this.parentElement.style.display='none'" class="closebtn">&times;</span>
  <div class="row">
    <div class="four columns">
      <h3>Silvana Lima</h3>
    </div>
    <div class="eight columns">
      <h6>Bio</h6>
      <p>Silvana Lima is a warrior. There's no other word to describe a woman with her skill, determination and resilience. She started well behind the line, growing up in a snack-shack on the sand in Paracuaru, Brazil, owned by her parents. She learned to surf on a piece of wood that she adorned with a makeshift fin herself. Her first "real" board was a hand-me...</p>
    </div>
  </div>
</div>

```

10. Expanding grid, very similar to tabs but kinda cooler, gives you a bit more flexibility with what's clickable to show more info. Same issue as the tabs, hides information that's not easily seen.

```

<div id="b5" class="containerTab" style="display:none;">
  <span onclick="this.parentElement.style.display='none'" class="closebtn">&times;</span>
  <div class="row">
    <div class="four columns">
      <h3>John John Florence</h3>
    </div>
    <div class="eight columns">
      <h6>Bio</h6>
      <p>John John Florence is one of only five surfers in men's Championship Tour history to clinch his first two World Titles in back-to-back fashion. Mark Richards, Tom Carroll, Tom Curren and the late Andy Irons are the only other members of that elite club. The mild-mannered prodigy from the North Shore of Oahu has been living in the public's eye since the age of...</p>
    </div>
  </div>
</div>

<div id="b6" class="containerTab" style="display:none;">
  <span onclick="this.parentElement.style.display='none'" class="closebtn">&times;</span>
  <div class="row">
    <div class="four columns">
      <h3>Sage Erickson</h3>
    </div>
    <div class="eight columns">
      <h6>Bio</h6>
      <p>After five years of battling on the Championship Tour Sage Erickson is just beginning to settle in. She notched her first Championship Tour victory in 2017 at the Vans US Open of Surfing and cracked the Top 10 on the Jeep Leaderboard for the second-straight season. She's come a long way from her early years of struggling at the elite level. Erickson was born in...</p>
    </div>
  </div>
</div>
<h2>Cards</h2>
<div class="row">
  <div class="card three columns">
    
    <h5>Kelly Slater</h5>
    <h6>United States</h6>
    <label>Hometown</label>
    <p>Cocoa Beach, Florida, USA</p>
  </div>
  <div class="card three columns">
    
    <h5>Sally Fitzgibbons</h5>
    <h6>Australia</h6>
    <label>Hometown</label>
    <p>Gerroa, New South Wales, Australia</p>
  </div>
  <div class="card three columns">
    
    <h5>Jordy Smith</h5>
    <h6>South Africa</h6>
    <label>Hometown</label>
    <p>Durban, South Africa</p>
  </div>
  <div class="card three columns">
    
    <h5>Silvana Lima</h5>
    <h6>Brazil</h6>
    <label>Hometown</label>
    <p>Paracuru, Brazil</p>
  </div>
</div>

<h2>Image Hover Overlay</h2>
<div class="row">
  <div class="four columns image-container">
    
    <div class="overlay">
      <div class="text">"Sometimes in the morning, when it's a good surf, I go out there, and I don't feel like it's a bad world."</div>
    </div>
  </div>
  <div class="four columns image-container">
    
    <div class="overlay">
      <div class="text">"Surfing's the source. Can change your life. Swear to God."</div>
    </div>
  </div>
  <div class="four columns image-container">
    
    <div class="overlay">
      <div class="text">"Thank God for a few free waves."</div>
    </div>
  </div>
</div>
</div>

```

11. Cards, really just gloried content with styles that call them out.

12. Content over images when hovering is a very popular request. Depending on what you want can change the way it needs to be structured.

13. Be sure to have the footer included as you have in the previous html files.

```

/* Form Elements
----- */
label,
legend {
  display: block;
  font-weight: bold;
}
textarea {
  min-height: 65px;
  padding-top: 6px;
  padding-bottom: 6px;
  resize: none;
}
input[type="email"],
input[type="number"],
input[type="search"],
input[type="text"],
input[type="tel"],
input[type="url"],
input[type="password"],
textarea,
select {
  padding: 6px 2%;
  background-color: #fff;
  border: 1px solid #D1D1D1;
  border-radius: 4px;
  box-shadow: none;
  width: 96%;
}
input[type="email"],
input[type="number"],
input[type="search"],
input[type="text"],
input[type="tel"],
input[type="url"],
input[type="password"],
textarea {
  -webkit-appearance: none;
  -moz-appearance: none;
  appearance: none; }

input[type="email"]:focus,
input[type="number"]:focus,
input[type="search"]:focus,
input[type="text"]:focus,
input[type="tel"]:focus,
input[type="url"]:focus,
input[type="password"]:focus,
textarea:focus,
select:focus {
  border: 1px solid #33C3F0;
  outline: 0; }

input[type="checkbox"],
input[type="radio"] {
  display: inline;
}
select {
  width: 100%;
}
.radio-checkbox input,
.radio-checkbox label {
  display: inline-block;
  vertical-align: middle;
  font-weight: normal;
}
.radio-checkbox label {
  margin-left: 8px;
  margin-top: 5px;
}

/* Buttons
----- */
.button,
button,
input[type="submit"],
input[type="reset"],
input[type="button"] {
  display: inline-block;
  padding: 10px 5%;
  color: #FFF;
  text-align: center;
  text-decoration: none;
  background-color: #7453EF;
  border: 2px solid #7453EF;
  cursor: pointer;
  border-radius: 4px;
}
.button:hover,
button:hover,
input[type="submit"]:hover,
input[type="reset"]:hover,
input[type="button"]:hover {
  color: #FFF;
  border: 2px solid #5C41BD;
  background-color: #5C41BD;
  outline: 0;
  text-decoration: none;
}

```

14. Styling forms is kind of difficult, each browser has a different way of displaying fields and select lists. So there are some interesting styles that you have to apply to override the default settings.

15. Buttons are very much the same as the other form elements. Notice the hover settings.

```

.button.outline {
  background-color: transparent;
  color: #7453EF;
}
.button.outline:hover {
  background-color: #7453EF;
  border: 2px solid #7453EF;
  color: #FFF;
}
.button-row .button {
  width: 90%;
}

padding-left: 0;
}
th:last-child,
td:last-child {
  padding-right: 0;
}

/* Tabs
----- */
.tab {
  overflow: hidden;
  border-bottom: 1px solid #ccc;
}
.tab button {
  background-color: #EEEEEE;
  color: #333;
  float: left;
  border: none;
  outline: none;
  cursor: pointer;
  padding: 14px 16px;
  transition: 0.3s;
  font-weight: bold;
  border-radius: 0;
  margin-right: 1px;
}
.tab button:hover {
  background-color: #CAC7BB;
}
.tab button.active {
  background-color: #CAC7BB;
}
.tabcontent {
  display: none;
  padding: 6px 12px;
  border: 1px solid #ccc;
  border-top: none;
}

/* Accordions
----- */
.accordion {
  background-color: #EEEEEE;
  color: #333;
  cursor: pointer;
  padding: 16px;
  width: 100%;
  border: none;
  text-align: left;
  outline: none;
  transition: 0.4s;
  margin-bottom: 1px;
  border-radius: 0;
}
.accordion.active,
.accordion:hover {
  background-color: #CAC7BB;
  border: none;
  color: inherit;
}
.accordion:after {
  content: '\002B';
  color: #777;
  font-weight: bold;
  float: right;
  margin-left: 5px;
}
.accordion.active:after {
  content: "\2212";
}
.panel {
  padding: 0 18px;
  background-color: white;
  max-height: 0;
  overflow: hidden;
  transition: max-height 0.2s ease-out;
}

/* Expanding Grid
----- */
.expanding-grid {
  text-align: center;
}
.expanding-grid h6 {
  margin: 0;
}

```

16. Expanding grid is one of the first spots you'll see the position relative and position absolute.

```

.column {
  text-align: center;
  font-size: 25px;
  cursor: pointer;
  color: white;
}
img.headshot {
  border-radius: 100%;
}
.containerTab {
  position: relative;
  border-top: 1px solid #CCC;
  border-bottom: 1px solid #CCC;
  margin-top: 36px;
}
.closebtn {
  position: absolute;
  right: 0;
  top: 0;
  font-size: 35px;
  cursor: pointer;
}

/* Cards
----- */
.card {
  background: #EEEEEE;
  border-radius: 4px;
  text-align: center;
  padding: 2%;
  transition: box-shadow 0.2s ease-out;
}
.card:hover {
  box-shadow: 0 0px 8px 0 rgba(0,0,0,0.25);
}
.card.three.columns {
  width: 18%;
}
@media (max-width: 800px) {
  .card.three.columns {
    width: 43%;
    margin: 0 1%;
    margin-bottom: 24px;
  }
}
@media (max-width: 550px) {
  .card.three.columns {
    width: 94%;
  }
}
.card h5 {
  margin: 0;
}
.card h6 {
  margin: 24px 0;
}
.card p {
  margin: 0;
}

/* Image Hover Overlay
----- */
.image-container {
  position: relative;
}
.image-container img {
  margin-bottom: -8px;
}
.image-container .overlay {
  position: absolute;
  top: 0;
  bottom: 0;
  left: 0;
  right: 0;
  height: 100%;
  width: 100%;
  opacity: 0;
  transition: .5s ease;
  background-color: rgba(116,83,239,0.80);
}
.image-container:hover .overlay {
  opacity: 1;
}
.image-container .text {
  color: white;
  font-size: 24px;
  position: absolute;
  top: 50%;
  left: 36%;
  -webkit-transform: translate(-28%, -50%);
  -ms-transform: translate(-28%, -50%);
  transform: translate(-28%, -50%);
  text-align: center;
}

```

17. Be sure to save and upload you files.



## GITHUB AND NETLIFY

**Just as we did with the first step we'll get these files uploaded to GitHub and a viewable website on Netlify.**

1. Navigate to Github.com
2. Upload your files with a new commit message (index files uploaded)
3. Give it a minute to upload the files
4. Netlify should automatically update in a couple minutes. Their site constantly checks for updates to your code on GitHub.
5. Email me (banderson@lcad.edu) the url for the site so I can record this assignment complete.