

CSE3100 (Software Development - IV)

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My First Project



The Mind

Photoshop, Print Design



The Police

Illustration, Icons



The Glasses

Typography, Illustration



The Mustache

Photoshop, Icons



The Leaf

Icons, Print Design



The Shield

Illustration, Icons

Responsive Design

- **Add the responsive viewport meta tag** to your <head>.
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
- **Responsive breakpoint code**
- @media (max-width: 575px) { ... }
- @media (min-width: 576px) { ... }
- @media (min-width: 576px) and (max-width: 767px) { ... }

Responsive Breakpoint

- **Extra small devices** (portrait phones, less than **576px**)
- **Small devices** (landscape phones, **576px and up**)
- **Medium devices** (tablets, **768px and up**)
- **Large devices** (desktops, **992px and up**)
- **Extra large devices** (large desktops, **1200px and up**)

Bootstrap

- Bootstrap is an open source toolkit for developing with HTML, CSS, and JS.
- World's most popular front-end component library.
- Have light but powerful plugin built on jQuery.

Bootstrap Source Code

Bootstrap Project Folder/

|---- css/

 |---- bootstrap.min.css

|---- js/

 |---- jquery.min.js

 |---- bootstrap.min.js

 |---- popper.min.js

Bootstrap Starter template

```
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-
fit=no">
  <link rel="stylesheet" href="css/bootstrap.min.css" />
  <link rel="stylesheet" href="css/main.css" />
  <title>Bootstrap</title>
</head>
<body>
  <h1>Welcome</h1>
  <script src="js/jquery.min.js"></script>
  <script src="js/popper.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
</body>
```

Bootstrap (Containers)

- Containers are the most basic layout element in Bootstrap and are **required when using our default grid system.**

```
<div class="container">  
  <!-- Content here -->  
</div>
```


Bootstrap (Grid System)

- Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content.

```
<div class="container">  
  <div class="row">  
    <div class="col-md-4"> One of three columns </div>  
    <div class="col-md-4"> One of three columns </div>  
    <div class="col-md-4"> One of three columns </div>  
  </div>  
</div>
```

Bootstrap (Grid options)

	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px
Max container width	None (auto)	540px	720px	960px	1140px
Class prefix	<code>.col-</code>	<code>.col-sm-</code>	<code>.col-md-</code>	<code>.col-lg-</code>	<code>.col-xl-</code>
# of columns	12				
Gutter width	30px (15px on each side of a column)				
Nestable	Yes				
Column ordering	Yes				

col-8								col-4			

Bootstrap Component

- **Alert**

`<div class="alert alert-primary" role="alert"> A simple alert </div>`

`alert-secondary | alert-success | alert-danger | alert-warning | alert-info
| alert-light | alert-dark`

```
<div class="alert alert-warning alert-dismissible fade show" role="alert">  
  <strong>Holy guacamole!</strong>  
  You should check in on some of those fields below.  
  <button type="button" class="close" data-dismiss="alert" aria-label="Close">  
    <span aria-hidden="true">&times;</span>  
  </button>  
</div>
```

Bootstrap Component

- **Button**

```
<button type="button" class="btn btn-outline-primary">Primary</button>
```

btn-lg | btn-sm | btn-block

- **Collapse**

```
<p>
```

```
  <a class="btn btn-primary" data-toggle="collapse"
  href="#collapseExample" role="button" aria-expanded="false" aria-
  controls="collapseExample">
```

```
    Link with href
```

```
  </a>
```

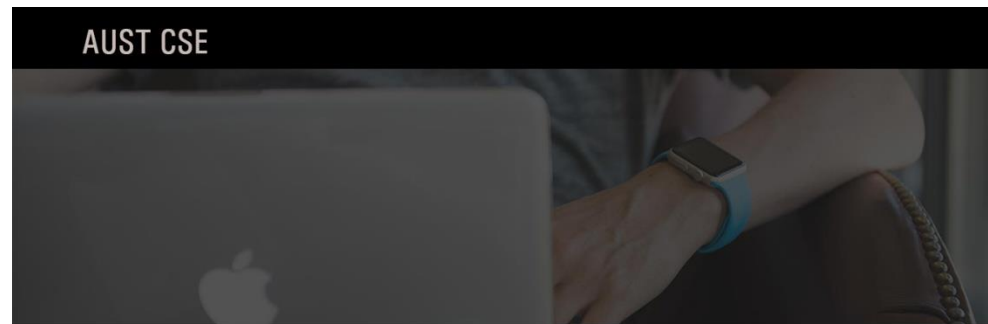
```
</p>
```

```
<div class="collapse" id="collapseExample">
```

```
  <div class="card card-body">[your_content]</div>
```

```
</div>
```

Source Link - <https://austcse3100.page.link/fall18>



AUST CSE



E-MAIL MARKETING

Lorem Ipsum their default model and search for many web sites.



WEBSITE PROTECT

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SHORTCODES

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FEATURED SERVICES

Generate looks reasonable is therefore always



30+ TEMPLATES

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MULTI PURPOSE

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RESPONSIVE USE

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TONS OF FEATURES

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Final Project Requirement

- Home Page
- Contact Form Page
- Login/Registration Option
- Private Page
- Data Listing Page

**** Admin Panel**

Thank You