Semantic UI
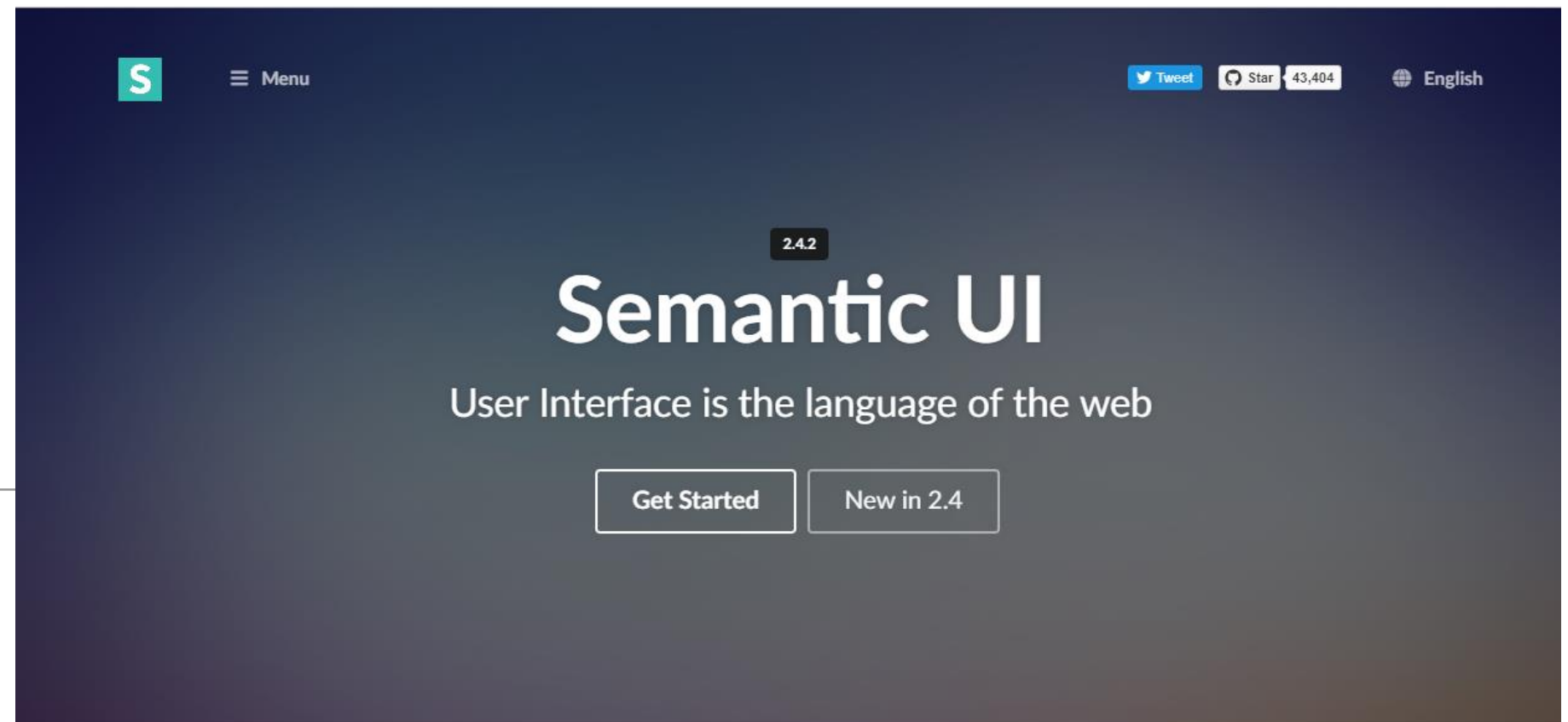
Topic List

- Table

- Menu

- Card

Table

- The .**ui.table** class added to the \<table\> tag renders a standard table.

Name	Age	Job
James	24	Engineer
Jill	26	Engineer
Elyse	24	Designer

Table

- The following classes can be added to the <table> tag (for layout):
  - Basic (No borders or colour).
  - Celled (Add cell borders).
  - Padded (Add some padding).
  - Compact (Reduce top and bottom padding in cells).
  - Fixed (Each cell is the same size).
  - Collapsing (Reduce width of table).
  - Single Line (No word wrap).
  - Column Width (Specify column width of table columns).

Table

- The following classes can be added to the <table> tag (for colour and style):
  - Striped (Every second row has a background colour).

  - Selectable (Change background colour when mouse hovers over each row).

Name	Age	Job	Date Employed	Email
James	24	Engineer	September 14, 2013	James@yahoo.com
Jill	26	Engineer	January 6, 2012	Jill@gmail.com
Elyse	24	Designer	August 1, 2012	Elyse@gmail.com

Name	Age	Job	Date Employed	Email
James	24	Engineer	September 14, 2013	James@yahoo.com
Jill	26	Engineer	January 6, 2012	Jill@gmail.com
Elyse	24	Designer	August 1, 2012	Elyse@gmail.com

Modifying Semantic UI Classes

- If you wish to change the colour or other style property, then make changes in your local .CSS file.

- Copy the style rule from the *semantic.css* file.

Modifying Semantic UI Classes

- You can go to the *semantic.css* file by viewing the source of any of the example files. Click on the .css file link.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/2.4.1/semantic.min.css" type="text/css">
    <title>Semantic UI Table</title>
  </head>
<body>

<div class = "ui container">
```
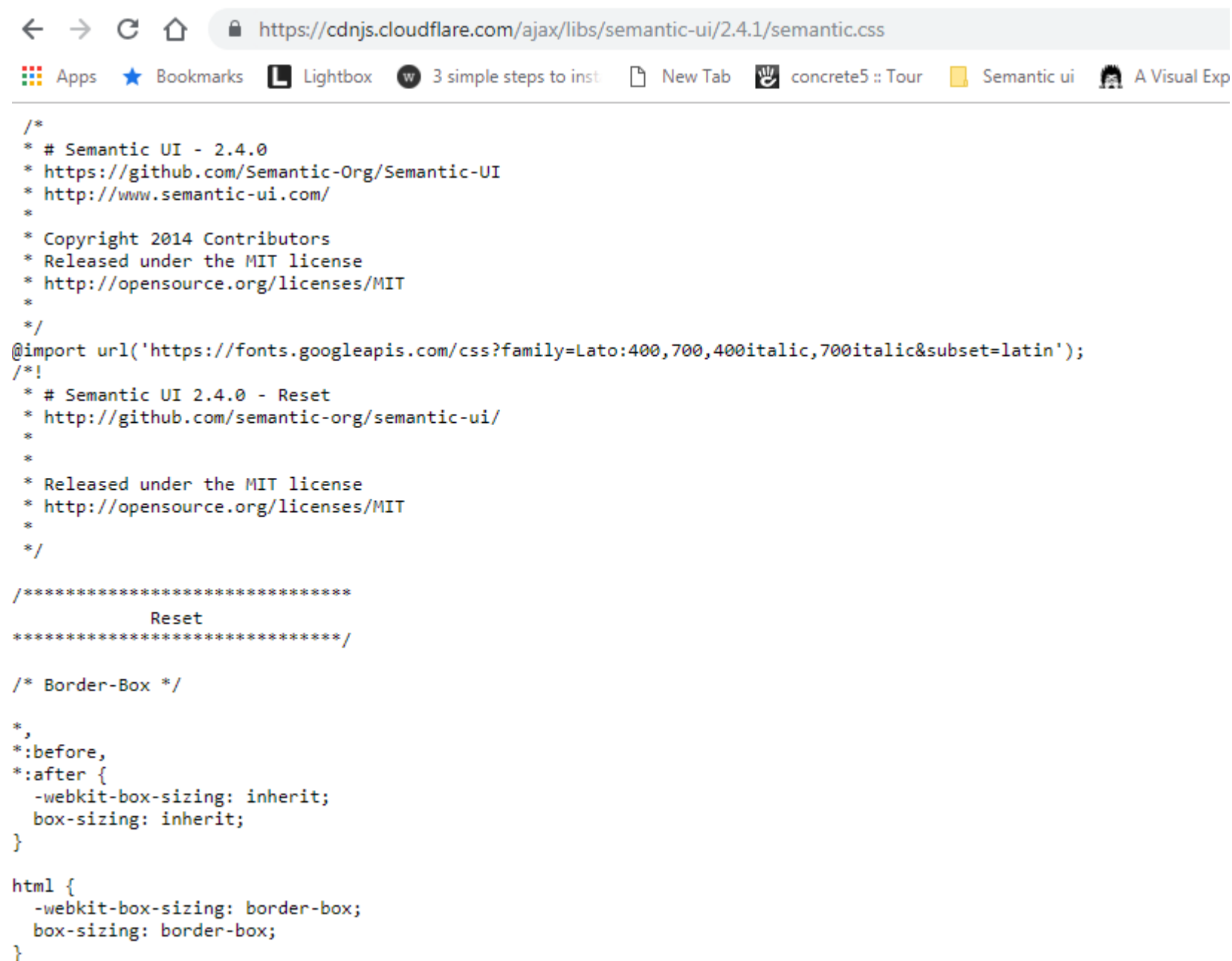
Modifying Semantic UI Classes

- This opens up *semantic.min.css* and as you can see this file is very difficult to read.

```
/*
 * # Semantic UI - 2.4.0
 * https://github.com/Semantic-Org/Semantic-UI
 * http://www.semantic-ui.com/
 *
 * Copyright 2014 Contributors
 * Released under the MIT license
 * http://opensource.org/licenses/MIT
 *
 */
@import url(https://fonts.googleapis.com/css?family=Lato:400,700,400italic,700italic&subset=latin);/*!
 * # Semantic UI 2.4.0 - Reset
 * http://github.com/semantic-org/semantic-ui/
 *
 *
 * Released under the MIT license
 * http://opensource.org/licenses/MIT
 *
 */*,:after,:before{-webkit-box-sizing:inherit;box-sizing:inherit}html{-webkit-box-sizing:border-box;box-sizing:border-
box}input[type=email],input[type=password],input[type=search],input[type=text]{-webkit-appearance:none;-moz-appearance:none}/*! normalize.css v7.0.0 | MIT License |
github.com/necolas/normalize.css */html{line-height:1.15;-ms-text-size-adjust:100%;-webkit-text-size-
adjust:100%}body{margin:0}article,aside,footer,header,nav,section{display:block}h1{font-size:2em;margin:.67em 0}figcaption,figure,main{display:block}figure{margin:1em 40px}hr{-webkit-
box-sizing:content-box;box-sizing:content-box;height:0;overflow:visible}pre{font-family:monospace,monospace;font-size:1em}a{background-color:transparent;-webkit-text-decoration-
skip:objects}abbr[title]{border-bottom:none;text-decoration:underline;-webkit-text-decoration:underline dotted;text-decoration:underline dotted}b,strong{font-
weight:inherit}b,strong{font-weight:bolder}code,kbd,samp{font-family:monospace,monospace;font-size:1em}dfn{font-style:italic}mark{background-color:#ff0;color:#000}small{font-
size:80%}sub,sup{font-size:75%;line-height:0;position:relative;vertical-align:baseline}sub{bottom:-.25em}sup{top:-.5em}audio,video{display:inline-block}audio:not([controls])
{display:none;height:0}img{border-style:none}svg:not(:root){overflow:hidden}button,input,optgroup,select,textarea{font-family:sans-serif;font-size:100%;line-
height:1.15;margin:0}button,input{overflow:visible}button,select{text-transform:none}[type=reset],[type=submit],button,html [type=button]{-webkit-appearance:button}[type=button]::-moz-
focus-inner,[type=reset]::-moz-focus-inner,[type=submit]::-moz-focus-inner,button::-moz-focus-inner{border-style:none;padding:0}[type=button]:-moz-focusring,[type=reset]:-moz-focusring,
[type=submit]:-moz-focusring,button:-moz-focusring{outline:1px dotted ButtonText}fieldset{padding:.35em .75em .625em}legend{-webkit-box-sizing:border-box;box-sizing:border-
box;color:inherit;display:table;max-width:100%;padding:0;white-space:normal}progress{display:inline-block;vertical-align:baseline}textarea{overflow:auto}[type=checkbox],[type=radio]{-
webkit-box-sizing:border-box;box-sizing:border-box;padding:0}[type=number]::-webkit-inner-spin-button,[type=number]::-webkit-outer-spin-button{height:auto}[type=search]{-webkit-
appearance:textfield;outline-offset:-2px}[type=search]::-webkit-search-cancel-button,[type=search]::-webkit-search-decoration{-webkit-appearance:none}::-webkit-file-upload-button{-
webkit-appearance:button;font:inherit}details,menu{display:block}summary{display:list-item}canvas{display:inline-block}template{display:none}[hidden]{display:none}/*!
 * # Semantic UI 2.4.0 - Site
 * http://github.com/semantic-org/semantic-ui/
 *
 *
```

Modifying Semantic UI Classes

- Change the URL to *semantic.css* and this file is much easier to read.

Modifying Semantic UI Classes

- Locate the necessary rule by using the *Find…* facility.

Modifying Semantic UI Classes

Modifying Semantic UI Classes

```
<style>
.ui.table thead th{
  background: pink;
  color: white;
}

.ui.striped.table > tr:nth-child(2n),
.ui.striped.table tbody tr:nth-child(2n) {
  background-color: rgba(219,112,147, .3);
}

.ui.selectable.table tbody tr:hover,
.ui.table tbody tr td.selectable:hover {
  background-color: rgba(219,112,147,.5) !important;
}
</style>
```

Name	Age	Job	Date Employed	Email
James	24	Engineer	September 14, 2013	James@yahoo.com
Jill	26	Engineer	January 6, 2012	Jill@gmail.com
Elyse	24	Designer	August 1, 2012	Elyse@gmail.com

Add some colour

`<table class="ui red table">`

Name	Age	Job	Date Employed	Email
James	24	Engineer	September 14, 2013	James@yahoo.com
Jill	26	Engineer	January 6, 2012	Jill@gmail.com
Elyse	24	Designer	August 1, 2012	Elyse@gmail.com

`<table class="ui inverted red table">`

Name	Age	Job	Date Employed	Email
James	24	Engineer	September 14, 2013	James@yahoo.com
Jill	26	Engineer	January 6, 2012	Jill@gmail.com
Elyse	24	Designer	August 1, 2012	Elyse@gmail.com

Responsive Tables

- Tables automatically stack for mobile devices.

Other options include:
- tablet stackable, and
- unstackable.

Name
Age
Job
Date Employed
Email
Other Info

James
24
Engineer
September 14, 2013
James@yahoo.com
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent euismod ultrices ante, ac laoreet nulla vestibulum adipiscing.raesent euismod ultrices ante, ac laoreet nulla vestibulum adipiscing.

Jill
26
Engineer
January 6, 2012
Jill@gmail.com
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent euismod ultrices ante, ac laoreet nulla vestibulum adipiscing.

Sorting Tables

```html
<script type="text/javascript" src="https://semantic-ui.com/javascript/library/tablesort.js"></script>
<script>
  $('table').tablesort();
</script>
```

- Extra script file required (*tablesort.js*), include it after the jquery and semantic.js <script> tags.

- Add code, which will select the table and apply the tablesort function.
  - **$('table').tablesort();**

Topic List

- Table

- Menu

- Card

Menu

- A simple menu can be created using the **.ui.menu** class.

- For each menu item you add the **.item** class, and for the current (active) item, add the **.active** class.

```html
<div class="ui three item menu">
  <a class="active item" href = "index.html">WIT Home Page</a>
  <a class="item" href = "aboutwit.html">About WIT</a>
  <a class="item" href = "director.html">Director's Welcome</a>
</div>
```

Menu

- Variations on the simple menu include:
  - Vertical

```html
<div class="ui vertical menu">
  <a class="active red item">
    Inbox
    <div class="ui red left pointing label">1</div>
  </a>
  <a class="item">
    Spam
    <div class="ui label">51</div>
  </a>
  <a class="item">
    Deleted
    <div class="ui label">1</div>
  </a>
</div>
```

Menu

- Pointing

```
<div class="ui pointing menu">
  <a class="active item" href= "index.html">Home</a>
  <a class="item" href= "aboutwit.html">About WIT </a>
  <a class="item" href= "director.html">Director</a>
</div>
<div class="ui segment">
  <h2>WIT Home Page</h2>
  <p>Waterford Institute of Technology (WIT) is a university-level institution in the South-East
  of Ireland with over 10,000 students and 1000 staff. </p>
  <p>WIT offers tuition and research programs in various areas up to PhD level.</p>
</div>
</div>
```
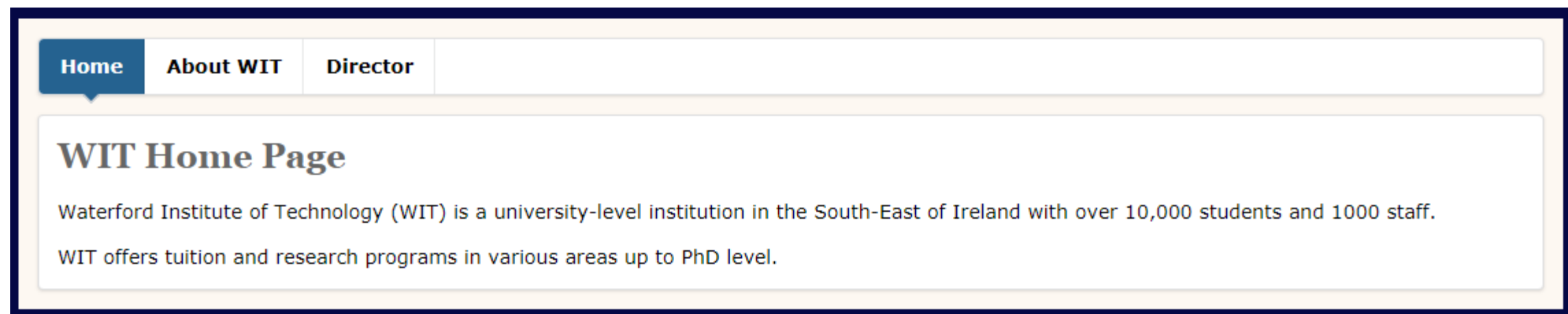
| Home | About WIT | Director |

WIT Home Page

Waterford Institute of Technology (WIT) is a university-level institution in the South-East of Ireland with over 10,000 students and 1000 staff.

WIT offers tuition and research programs in various areas up to PhD level.

Menu

- Tabular

```html
<div class="ui top attached tabular menu">
 <a class="active item" href = "index.html">WIT Home Page</a>
 <a class="item" href = "aboutwit.html">About WIT</a>
 <a class="item" href = "director.html">Director's Welcome</a>
</div>
<div class="ui bottom attached tab item active">
 <h2>WIT Home Page</h2>
 <p>Waterford Institute of Technology (WIT) is a university-level institution in the South-East
    of Ireland with over 10,000 students and 1000 staff. </p>
 <p>WIT offers tuition and research programs in various areas up to PhD level.</p>
</div>
```

Waterford Institute of Technology

WIT Home Page   About WIT   Director's Welcome

WIT Home Page

Waterford Institute of Technology (WIT) is a university-level institution in the South-East of Ireland with over 10,000 students and 1000 staff.

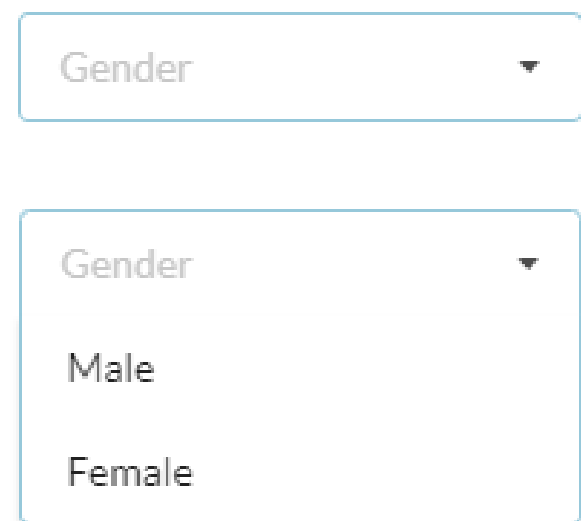WIT offers tuition and research programs in various areas up to PhD level.

Dropdown Menu

- To create a dropdown menu we need to add some classes before the **.menu** and **.item** classes.

- We will add **.selection** and **.dropdown** classes. We also add a hidden text box, icon and default text classes.

- We also need to add some JavaScript code.

Dropdown Menu

```html
<div class="ui selection dropdown">
  <input type="hidden" name="gender">
  <i class="dropdown icon"></i>
  <div class="default text">Gender</div>
  <div class="menu">
    <div class="item" data-value="1">Male</div>
    <div class="item" data-value="0">Female</div>
  </div>
</div>
```

```html
<script>
  $('.ui.dropdown').dropdown();
</script>
```

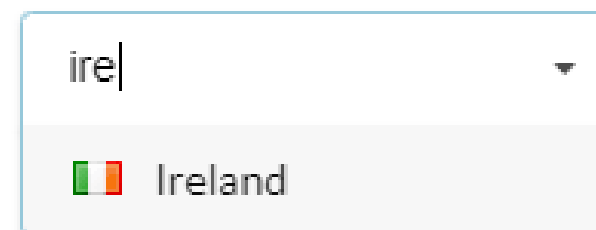# Dropdown Menu

- Variations on the dropdown menu include:
  - Search

```html
<div class="ui search selection dropdown">
  <input type="hidden" name="country">
  <i class="dropdown icon"></i>
  <div class="default text">Select Country</div>
  <div class="menu">
   <div class="item" data-value="af"><i class="af flag"></i>Afghanistan</div>
   <div class="item" data-value="ax"><i class="ax flag"></i>Aland Islands</div>

   ...
  </div>
</div>
```
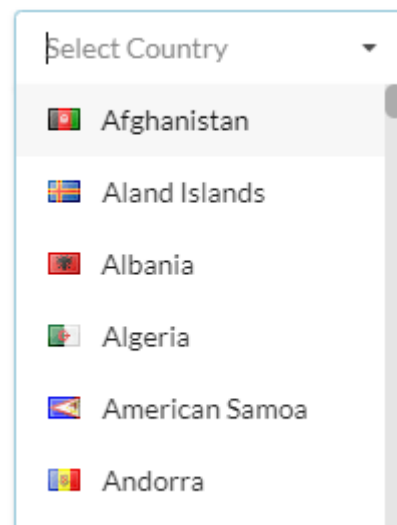
Dropdown Menu

- Multiple

```html
<div class="ui search selection labeled icon button dropdown multiple">
  <input type="hidden" name="country">
  <i class="world icon"></i>
  <div class="default text">Select Country</div>
  <div class="menu">
    <div class="item" data-value="af"><i class="af flag"></i>Afghanistan</div>
    <div class="item" data-value="ax"><i class="ax flag"></i>Aland Islands</div>
    ...
  </div>
</div>
```
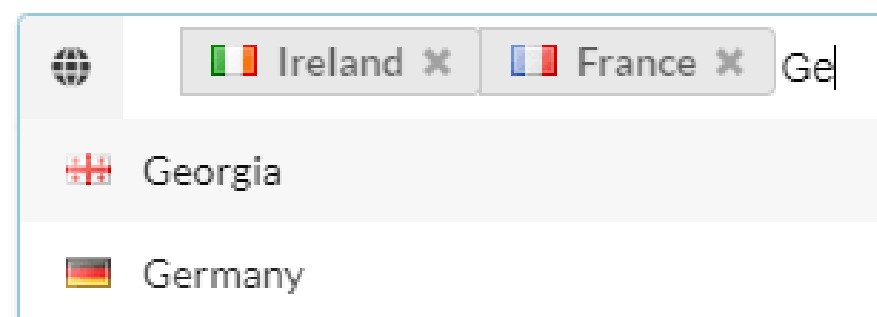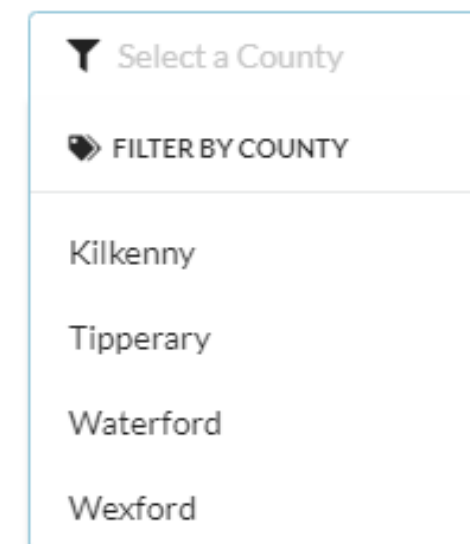
Dropdown Menu

- We can add in a **Header** and **Divider** inside the menu.

```html
<div class="ui selection dropdown">
  <input type="hidden" name="county">
  <i class="filter icon"></i>
  <span class="default text">Select a County</span>
  <div class="menu">
    <div class="header">
      <i class="tags icon"></i>
    Filter by County
    </div>
    <div class="divider"></div>
    <div class="item">
    Kilkenny
    </div>

    ...
  </div>
</div>
```

Topic List

- Table

- Menu

- Card

Card

- A card displays site content in a manner similar to a playing card.

- The class **.ui.card** creates a single card.

Card

```html
<div class="ui card">
  <div class="image">
    <img src="images/helen.jpg">
  </div>
  <div class="content">
    <a class="header">Helen</a>
    <div class="meta">
      <span class="date">Joined in 2013</span>
    </div>
    <div class="description">
      Helen is an art director living in New York.
    </div>
  </div>
  <div class="extra content">
    <a>
      <i class="user icon"></i>
      22 Friends
    </a>
  </div>
</div>
```


Helen
Joined in 2013
Helen is an art director living in New York.

👤 22 Friends

Cards

- The class **.ui.cards** creates a group of cards.

- Add the **.link** class to add some animation, letting the user know which card is selected.

```
<div class="ui link cards">
    <div class="ui card">

    ...

    </div>
    <div class="ui card">

    ...

    </div>
</div>
```