

**Institute of Technology Tallaght, Dublin**

**Department of Computing**



**Bachelor of Science in I.T. Management**

Subject: **Interactive Media Design & Visualisation**

Assignment Title: Continuous Assessment 2

Weight: 40%

Lecturer: Ben Walsh

Date of Submission: Monday 14<sup>th</sup> December 2018

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Student Number: X00065726

### **Declaration**

I hereby declare that this is my original work produced without the help of any third party.

Signed: Kevin Russell

Date: 08/12/2018

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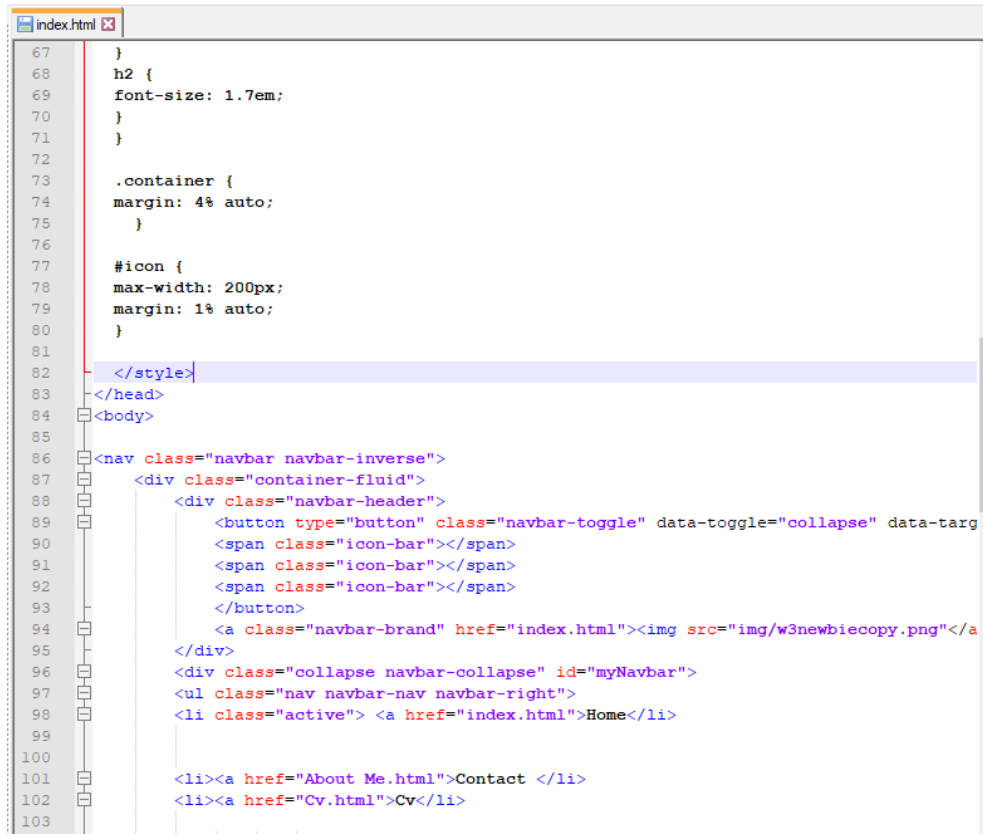
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## Introduction:

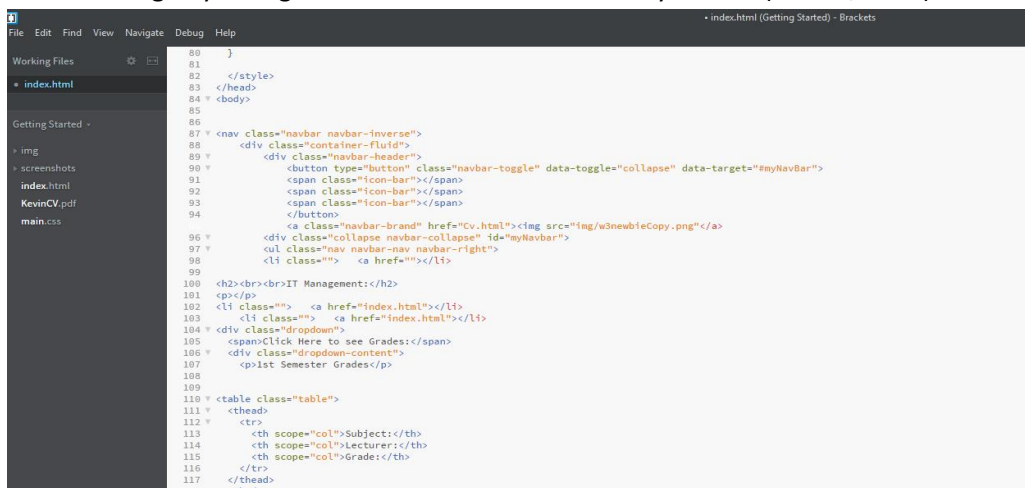
For this assignment we are challenged to build our own website using Bootstrap. The brief outlines some areas we should include and I will demonstrate throughout this report how I utilized them. To start we needed a platform to write our code. I first started with Notepad ++ and built temp html files and ran locally on my own machine. Like below image I had an index (home page) file that would talk with corresponding contact page and CV page.



```
67 }
68 h2 {
69   font-size: 1.7em;
70 }
71 }
72
73 .container {
74   margin: 4% auto;
75 }
76
77 #icon {
78   max-width: 200px;
79   margin: 1% auto;
80 }
81
82 </style>
83 </head>
84 <body>
85
86 <nav class="navbar navbar-inverse">
87   <div class="container-fluid">
88     <div class="navbar-header">
89       <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
90         <span class="icon-bar"></span>
91         <span class="icon-bar"></span>
92         <span class="icon-bar"></span>
93       </button>
94       <a class="navbar-brand" href="index.html"></a>
95     </div>
96     <div class="collapse navbar-collapse" id="myNavbar">
97       <ul class="nav navbar-nav navbar-right">
98         <li class="active"> <a href="index.html">Home</li>
99
100         <li><a href="About Me.html">Contact </li>
101         <li><a href="Cv.html">Cv</li>
102
103
```

Figure 1- Notepad ++ index.html

I wanted to keep the format clean and on the one page so decided to use a new modern open source text editor called brackets. This is more user friendly and also allows one to host and see live preview while making any changes to the live code which is very useful. (Adobe, 2018)

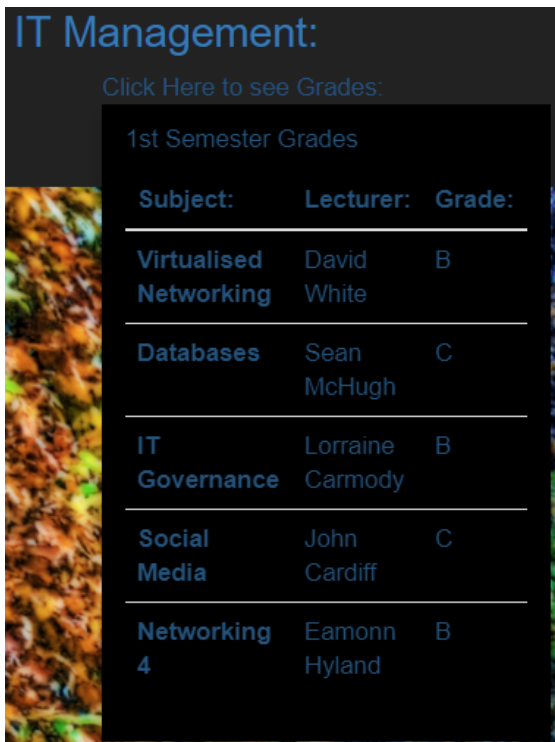


```
80 }
81
82 </style>
83 </head>
84 <body>
85
86 <nav class="navbar navbar-inverse">
87   <div class="container-fluid">
88     <div class="navbar-header">
89       <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
90         <span class="icon-bar"></span>
91         <span class="icon-bar"></span>
92         <span class="icon-bar"></span>
93       </button>
94       <a class="navbar-brand" href="Cv.html"></a>
95     </div>
96     <div class="collapse navbar-collapse" id="myNavbar">
97       <ul class="nav navbar-nav navbar-right">
98         <li class=""> <a href=""></li>
99
100       <h2><br><br>IT Management:</h2>
101       <p></p>
102       <li class=""> <a href="index.html"></li>
103       <li class=""> <a href="index.html"></li>
104       <div class="dropdown">
105         <span>Click Here to see Grades:</span>
106         <div class="dropdown-content">
107           <p>1st Semester Grades</p>
108
109         <table class="table">
110           <thead>
111             <tr>
112               <th scope="col">Subject:</th>
113               <th scope="col">Lecturer:</th>
114               <th scope="col">Grade:</th>
115             </tr>
116           </thead>
117         </table>
118       </div>

```

Figure 2 - Brackets index.html

We have to discuss our college experience and project details as I am doing the 4<sup>th</sup> year part time evening course FLITE program, I don't have previous year's information but have added in a section regarding this year's grades on the webpage.



The image shows a screenshot of a website with a dark background. At the top, it says 'IT Management:' in a large, light blue font. Below that, there is a link that says 'Click Here to see Grades:'. Underneath the link, there is a table titled '1st Semester Grades'. The table has three columns: 'Subject:', 'Lecturer:', and 'Grade:'. The table contains five rows of data, each separated by a horizontal line.

Subject:	Lecturer:	Grade:
Virtualised Networking	David White	B
Databases	Sean McHugh	C
IT Governance	Lorraine Carmody	B
Social Media	John Cardiff	C
Networking 4	Eamonn Hyland	B

Figure 3 - Grades Dropdown menu

As per brief I only did a small section on the hobbies at the end of the website

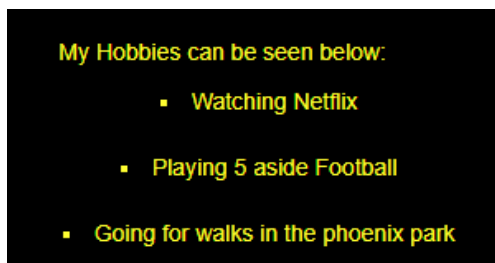


Figure 4 - Hobbies

I created a button to open up pdf files like below image



Figure 5 -Download CV button

Also created a buttons for social media platforms Facebook, Twitter and Linked In if you want to connect

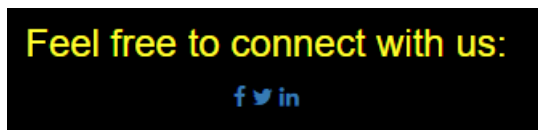


Figure 6 - Social Media Connection

An option to send an email is available like below

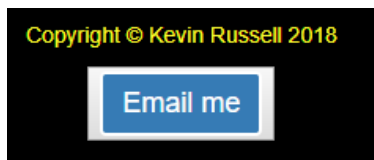


Figure 7- Email me link

It was advised your website could be hosted so using Brackets allows of this functionality.

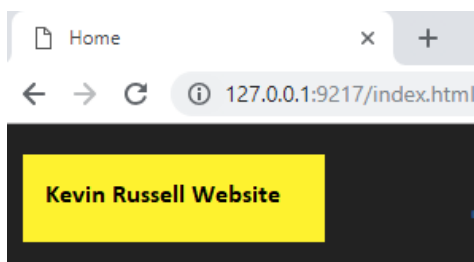


Figure 8 - Brackets can host your website

The Files are stored below

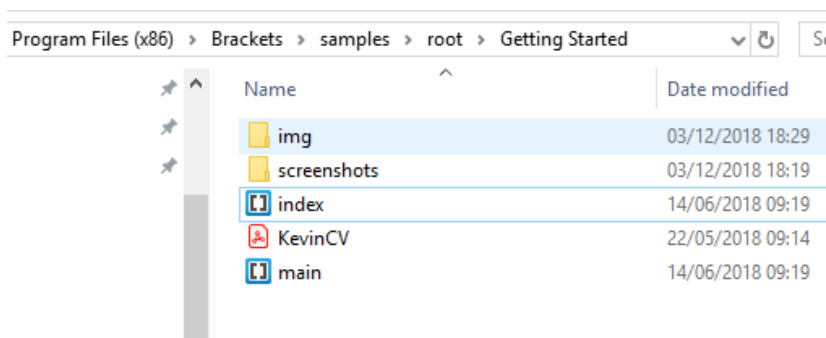


Figure 9 - File storage location

While testing the website functionality I made sure it was available on all platforms. When you click into F12 you can change the views and emulated a mobile and tablet version.

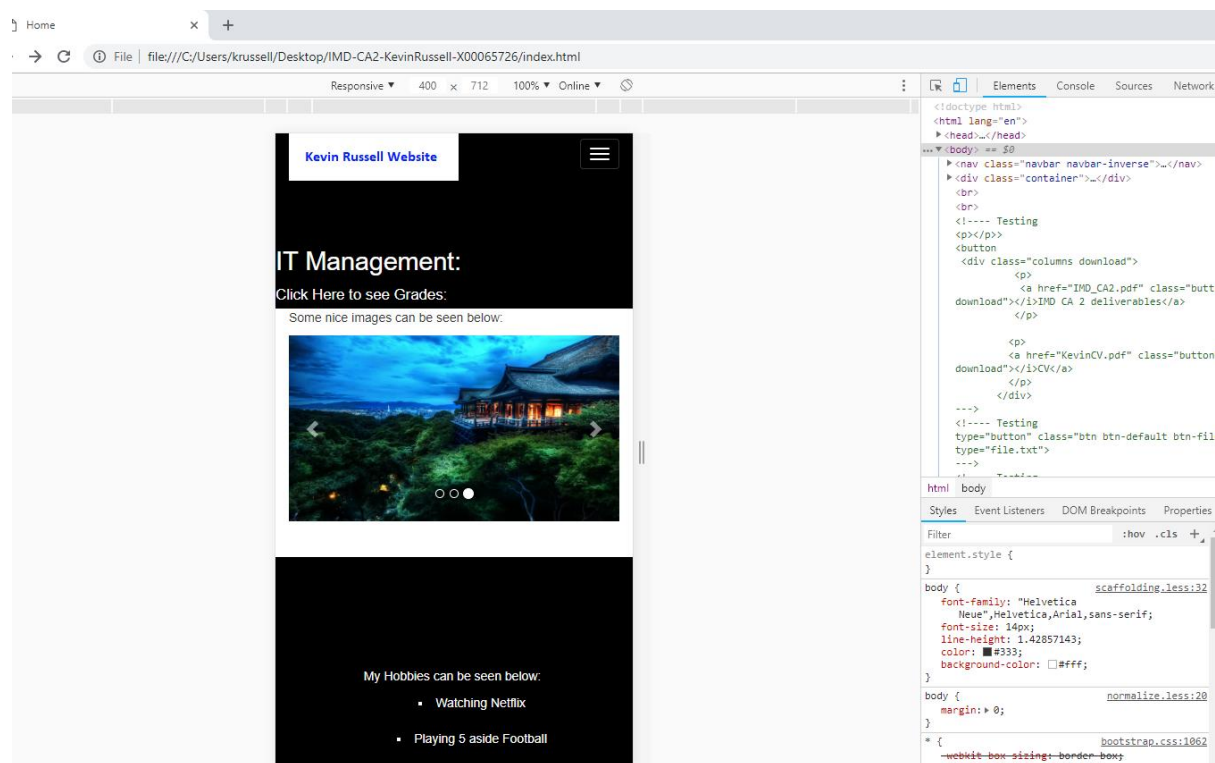


Figure 10 - Mobile Tablet platform

## Deliverables

Attached is all of the data stored in the folder outlined above it entails of the source code and Cascading Style Sheets (css) it helps put structure and makes the website styles look better.

W3 schools was of great help during this assignment it provides you with sample code and allows one to test its functionality. Throughout this report I have used some of the following bootstrap and css features / techniques.

- Dropdowns
- Tables
- Buttons
- Images
- Links
- Navbar
- Header
- Footers

(W3, 2018)

## Conclusion:

The notes from moodle and w3 schools provided the resources required to build my first website. I feel I have demonstrated the tasks on hand and created a functional, user friendly and aesthetically pleasing website for all.

## References

Adobe. (2018). Retrieved from Brackets was founded by Adobe as a community guided, open source project to push web development editors to the next level.: <http://brackets.io/>

W3. (2018, Nov). Retrieved from Bootstrap: <https://www.w3schools.com/bootstrap/default.asp>

Walsh, B. (2018). *Moodle Notes*.