

94%

RICHFIELD GRADUATE INSTITUTE OF TECHNOLOGY (PTY)LTD

FACULTY OF INFORMATION TECHNOLOGY


WEB TECHNOLOGY 511

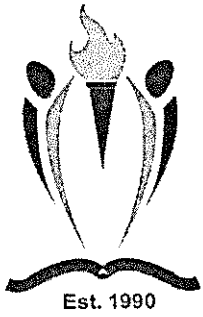
1ST SEMESTER ASSIGNMENT

Name & Surname: Anthony Gordon Kruger ICAS No: 139399

Qualification: DIT online Semester: 1 Module Name: Web Technology 511

Date Submitted: 26/04/2019

ASSESSMENT CRITERIA	MARK ALLOCATION	EXAMINER MARKS	MODERATOR MARKS
MARKS FOR CONTENT			
QUESTION ONE	20	19	
QUESTION TWO	20	17	
QUESTION THREE	15	14	
QUESTION FOUR	15	15	
QUESTION FIVE	20	19	
TOTAL MARKS	90	84	
MARKS FOR TECHNICAL ASPECTS			
1. TABLE OF CONTENTS	2	02	
2. LAYOUT AND SPELLING	3	03	
3. REFERENCE	5	05	
TOTAL MARKS	10	10	
TOTAL MARKS FOR ASSIGNMENT	100	94%	
Examiner's Comments:			
Moderator's Comments:			
Signature of Examiner: 			
Signature of Moderator:			



RICHFIELD[®]
GRADUATE INSTITUTE OF TECHNOLOGY

Web Technology – 511

Assignment 2

Anthony Gordon Kruger

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Student number 139399

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Question 3.....		Page 9 – 10
Question 4.....		Page 11 – 13
Question 5.....		Page 14 - 16
Bibliography.....		Page 19

Question 1:

Home page, source code and linked CSS stylesheet:




```
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3 <head>
4 <meta charset="utf-8">
5 <title>Home page</title>
6 <link rel="stylesheet" href="style_sheet.css">
7 </head>
8 <body>
9
10 
11
12 <form align="right" action="#"><input border="3" type="text" name="Search_bar" placeholder="Search..."><button type="submit">Submit</button></form>
13
14 <br>
15
16 <div class="navbar">
17 <a href="Home_page.html">Home</a>
18 <a href="Payment_methods.html">Payment Methods</a>
19 <a href="Media.html">Media</a>
20 <a href="#">Computer</a>
21 <a href="#">Study With Us</a>
22 <div class="dropdown">
23 <button class="btnProgrammes">Programmes</button>
24 <div class="dropdown-content">
25 <a href="#">HET</a>
26 <a href="#">FET</a>
27 <a href="#">TVET</a>
28 <a href="#">Skills</a>
29 </div>
30 </div>
31 <a href="Apply_now.html">Apply Now</a>
32 </div>
33 <br>
34
35 <center>
36 
37 </center>
38
39 <center>
40 <h2>Partnerships & Affiliations</h2>
41 </center>
42
43 <p>In the current economic situation, it becomes mandatory for institutions to increase their networking opportunities through affiliations and partnerships.
44
45 <p>Richfield's relations with the private sector, encompass cooperation with business corporations, small and medium enterprises, professional and economic a
46
47 <p>Richfield recognizes that when we collaborate with some of the most ambitious organizations, we can multiply our impact in areas from education to economi
48
49 <h2>These affiliations and collaborations assist the Institution in inter alia:</h2>
50
51 <ul style="font-size:22px" style="list-style-type: none">
52 <li>Availability of exclusive and current online resources</li>
```

```
36 
37 </center>
38
39 <center>
40 <h2>Partnerships & Affiliations</h2>
41 </center>
42
43 <p>In the current economic situation, it becomes mandatory for institutions to increase their networking opportunities through affiliations and partnerships.
44
45 <p>Richfield's relations with the private sector, encompass cooperation with business corporations, small and medium enterprises, professional and economic a
46
47 <p>Richfield recognizes that when we collaborate with some of the most ambitious organizations, we can multiply our impact in areas from education to economi
48
49 <h2>These affiliations and collaborations assist the Institution in inter alia:</h2>
50
51 <ul style="font-size:22px" style="list-style-type: none">
52 <li>Availability of exclusive and current online resources</li>
53 <li>Access to a variety of databases</li>
54 <li>Conferences and seminars that staff can attend or participate in</li>
55 <li>Networking</li>
56 <li>Updating on latest cutting edge technology</li>
57 <li>Placement of Students for Work Integrated Learning(WIL)</li>
58 <li>Industry and Academic Experts as External Moderators, members of DACUM Panel and Senate</li>
59 <li>Programme design, development, improvement and review</li>
60 </ul>
61
62 <div class="footer">
63 <p align="center">Richfield Website designed by 139399 &trade; 3 year DIT 2019 &copy; All Rights Reserved</p>
64 </div>
65
66 </body>
67 </html>
```

```
Project
  Assignment 2
  01_01_flow
  Apply_new_font
  Feedback.png
  Footer_page.html
  Introduction to HTML.mpg
  Media.html
  Payment_methods.html
  Payment_methods.png
  Programmes.html
  Register.html
  style_sheet.css
  web_tech_101.pdf
  website.png

style_sheet.css
1  h2{
2    color: gold;
3    font-size: 22px;
4  }
5
6  p{
7    font-size: 18px;
8  }
9
10  i{
11    font-size: 18px;
12  }
13
14  .navbar {
15    overflow: hidden;
16    background-color: navy;
17  }
18
19  .navbar a {
20    float: left;
21    font-size: 22px;
22    color: gold;
23    text-align: center;
24    padding: 16px 30px;
25    text-decoration: none;
26  }
27
28  .dropdown {
29    float: left;
30    overflow: hidden;
31  }
32
33  .dropdown .btnProgrammes {
34    font-size: 24px;
35    border: none;
36    outline: none;
37    color: gold;
38    padding: 16px 30px;
39    background-color: navy;
40    font-family: inherit;
41    margin: 0;
42  }
43
44  .navbar a:hover, .dropdown:hover .btnProgrammes {
45    background-color: gold;
46    color: navy;
47  }
48
49  .dropdown-content {
50    display: none;
51    position: absolute;
52    background-color: navy;
```

02

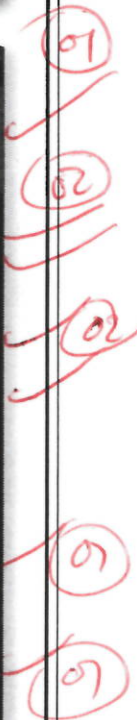
```
Project
  Assignment 2
  01_01_flow
  Apply_new_font
  Feedback.png
  Footer_page.html
  Introduction to HTML.mpg
  Media.html
  Payment_methods.html
  Payment_methods.png
  Programmes.html
  Register.html
  style_sheet.css
  web_tech_101.pdf
  website.png

style_sheet.css
52  background-color: navy;
53  color: gold;
54  min-width: 172px;
55  z-index: 1;
56  text-align: center;
57 }
58
59 .dropdown-content a {
60  float: none;
61  padding: 16px 30px;
62  text-decoration: none;
63  display: block;
64  text-align: center;
65 }
66
67 .dropdown-content a:hover {
68  background-color: gold;
69  color: navy;
70 }
71
72 .dropdown:hover .dropdown-content {
73  display: block;
74 }
75
76
77 .footer {
78  background-color: navy;
79  color: gold;
80  padding: 1px;
81  bottom: 0;
82 }
83
84 input {
85  font-size: 18px;
86 }
87
88 address {
89  font-size: 18px;
90 }
91
92 #search_bar {
93  border-radius: 25px 5px;
94 }
95
96 button {
97  padding: 5px;
98 }
99
100 textarea {
101  font-size: 22px;
102 }
103
```

02

17

17



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Project
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  59

<div class="dropdown-content">
  <p><a href="#">Home</a></p>
  <p><a href="#">About</a></p>
  <p><a href="#">Contact</a></p>
  <p><a href="#">Skills</a></p>
</div>
<a href="Apply_new.html">Apply Now</a>
</div>
<br>
<p align="right"><a href="http://www.facebook.com"></a>
<a href="http://www.youtube.com"></a>
<a href="http://www.twitter.com"></a></p>
<video width="640" height="480" controls>
  <source src="introduction to html.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video>
<br>
<br>
<br>
<br>
<br>
<br>
<br>
<br>
<br>
<br>
<div class="footer">
  <p align="center">© Reg: Website designed by 139399 © Trade: 3 year DIT 2019 © Copy: All Rights Reserved</p>
</div>
</body>
</html>
```

```
Project
  1
  2
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  47
  48
  49
  50
  51
  52

h2 {
  color: gold;
  font-size: 22px;
}
p {
  font-size: 18px;
}
li {
  font-size: 18px;
}
.navbar {
  overflow: hidden;
  background-color: navy;
}
.navbar a {
  float: left;
  font-size: 22px;
  color: gold;
  text-align: center;
  padding: 10px 30px;
  text-decoration: none;
}
.dropdown {
  float: left;
  overflow: hidden;
}
.dropdown .btnProgrammes {
  font-size: 22px;
  border: none;
  outline: none;
  color: gold;
  padding: 10px 30px;
  background-color: navy;
  font-family: inherit;
  margin: 0;
}
.navbar a:hover, .dropdown a:hover, .btnProgrammes {
  background-color: gold;
  color: navy;
}
.dropdown-content {
  display: none;
  position: absolute;
  background-color: navy;
}
```



```
Project
  1. index.html
  2. style.css
  3. script.js
  4. images
    - feedback.png
    - home-page.png
    - introduction-to-vtsb.png
    - media.png
    - national-business-awards.png
    - payment-methods.html
    - payment-methods.png
    - programmes.html
    - contact-footer.png
  5. style-sheet.css
  6. twitter.png
  7. web-tech-611.com
  8. vtsb.png

52 background-color: navy;
53 color: gold;
54 min-width: 172px;
55 z-index: 1;
56 text-align: center;
57 }
58
59 .dropdown-content a {
60   float: none;
61   padding: 10px 30px;
62   text-decoration: none;
63   display: block;
64   text-align: center;
65 }
66
67 .dropdown-content a:hover {
68   background-color: gold;
69   color: navy;
70 }
71
72 .dropdown:hover .dropdown-content {
73   display: block;
74 }
75
76
77 .footer {
78   background-color: navy;
79   color: gold;
80   padding: 10px;
81   bottom: 0;
82 }
83
84 input {
85   font-size: 18px;
86 }
87
88 address {
89   font-size: 18px;
90 }
91
92 #search_bar {
93   border-radius: 25px 5px;
94 }
95
96 button {
97   padding: 5px;
98 }
99
100 textarea {
101   font-size: 22px;
102 }
103
```

U3

147



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GRADUATE INSTITUTE OF TECHNOLOGY

Est. 1999

[Home](#)
[Payment Methods](#)
[Media](#)
[Campuses](#)
[Study With Us](#)
[Programmes](#)
[Apply Now](#)

Payment Methods

Visit any of our Campuses that accept Debit and Credit Cards, and you can also pay with your Edgars or Jet Card! Please note that your Edgars or Jet Thank U Card along with the Card Holder must be present for the transaction. Proof of ID will be required.

A cardholder begins a credit card transaction by presenting his or her card to a merchant as payment for goods or services. The merchant uses their credit card machine, software or gateway to transmit the cardholder's information and the details of the transaction to their acquiring bank, or the bank's processor.

Direct Cash Deposits can be made at any branch of Standard Bank using the M65 form which can be obtained from your nearest Campus. This form can only be used at Standard Bank branches. Don't forget to ensure that your name AND student number are on both sections of the form.








SnapScan



Standard Bank

Name of Bank: Standard Bank of South Africa
 Name of Account: Richfield Graduate Institute of Technology (PTY) Ltd.
 USE YOUR ICAS NUMBER, INITIALS AND SURNAME AS REFERENCE

05

© Website designed by 139399™ 3 year DIT 2019 © All Rights Reserved

```

1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3 <head>
4 <meta charset="utf-8">
5 <title>Payment methods</title>
6 <link rel="stylesheet" href="style_sheet.css">
7 </head>
8 <body>
9
10 
11
12 <form align="right" action="#"><input border="3" type="text" name="search_bar" placeholder="Search..."><button type="submit">Submit</button></form>
13
14 <div class="navbar">
15 <a href="Home_page.html">Home</a>
16 <a href="Payment_methods.html">Payment Methods</a>
17 <a href="Media.html">Media</a>
18 <a href="#">Campuses</a>
19 <a href="#">Study With Us</a>
20 <div class="dropdown">
21 <button class="btnProgrammes">Programmes</button>
22 <div class="dropdown-content">
23 <a href="#">HET</a></div>
24 <a href="#">FET</a></div>
25 <a href="#">TVET</a></div>
26 <a href="#">Skills</a></div>
27 </div>
28 <a href="Apply_now.html">Apply Now</a>
29 </div>
30 <br>
31
32 <h2 align="center">Payment Methods</h2>
33 <br>
34
35 <font color="gold">Edgars or Jet card</font><br>Visit any of
36 credit card transaction by presenting his or her card to a merchant as payment for goods or services. The merchant uses their credit card machine, software or
37 Camus. This form can only be used at Standard Bank Branches. Don't forget to ensure that your name AND student number are on both sections of the form.<br>
38 <br>
39 <br>
40 <br>
41 <br>
42 <br>
43 <br>
44
45
46 <div class="footer">
47 <p align="center">©Greg: Website designed by 139399 Stryder; 3 year DIT 2019 ©copy; All Rights Reserved</p>
48 </div>
49 </body>

```


15

Question 4:

Drop down menu/navigation bar, source code and linked CSS:

The screenshot shows the Richfield Graduate Institute of Technology website. The navigation bar includes links for Home, Payment Methods, Media, Campuses, Study With Us, Programmes, and Apply Now. The 'Programmes' dropdown menu is open, showing options for HET, FET, TVET, and Skills. The main banner features the Richfield logo and text for the '15th Annual NATIONAL BUSINESS AWARDS' and 'WINNER 2017 National Business of the Year Award'. Below the banner, there is a section titled 'Partnerships & Affiliations' with text describing the institute's commitment to partnerships and its ISO 9001:2015 accreditation status.

Richfield Graduate Institute of Technology

Home Payment Methods Media Campuses Study With Us Programmes Apply Now

HET
FET
TVET
Skills

15th Annual NATIONAL BUSINESS AWARDS

WINNER 2017
National Business of the Year Award

Partnerships & Affiliations

In the current economic situation, it becomes mandatory for institutions to increase their networking opportunities through affiliations and partnerships. When partnerships are implemented correctly, the private sector can increase efficiency and choice, and expand access to education services, particularly for households that tend to be poorly served by traditional delivery methods.

Richfield's relations with the private sector, encompass cooperation with business corporations, small and medium enterprises, professional and economic associations as well as other organizations of the business community, individuals, communities, parents and families.

Richfield recognizes that when we collaborate with some of the most ambitious organizations, we can multiply our impact in areas from education to economic development to poverty alleviation because of our ISO 9001:2015 accreditation status! We have

65


```

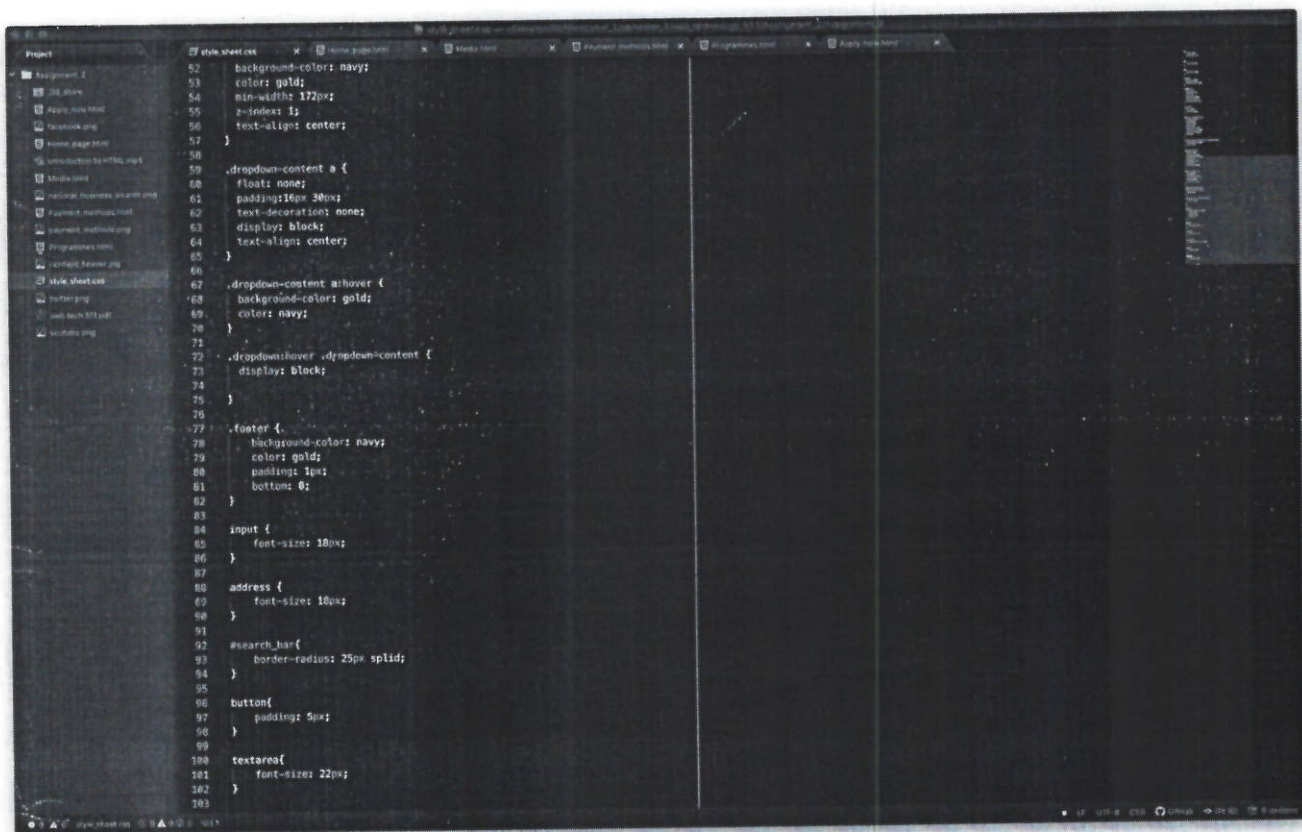
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3 <head>
4   <meta charset="utf-8">
5   <title>Home page</title>
6   <link rel="stylesheet" href="style_sheet.css">
7 </head>
8 <body>
9
10  
11
12  <form align="right" action="#"><input border="3" type="text" name="search_bar" placeholder="Search..."><button type="submit">Submit</button></form>
13
14  <br>
15
16  <div class="navbar">
17    <a href="Home_page.html">Home</a>
18    <a href="Payment_methods.html">Payment Methods</a>
19    <a href="Media.html">Media</a>
20    <a href="#">Capuses</a>
21    <a href="#">Study With Us</a>
22    <div class="dropdown">
23      <button class="btnProgrammes">Programmes</button>
24      <div class="dropdown-content">
25        <a href="#">HET</a>
26        <a href="#">FET</a>
27        <a href="#">TVET</a>
28        <a href="#">Skills</a>
29      </div>
30    </div>
31    <a href="Apply_now.html">Apply Now</a>
32  </div>
33
34  <br>
35
36  <center>
37    
38  </center>
39
40  <center>
41    <h2>Partnerships & Affiliations</h2>
42  </center>
43
44  <p>In the current economic situation, it becomes mandatory for institutions to increase their networking opportunities through affiliations and partnerships.
45
46  <p>Richfield's relations with the private sector, encompass cooperation with business corporations, small and medium enterprises, professional and economic as
47
48  <p>Richfield recognizes that when we collaborate with some of the most ambitious organizations, we can multiply our impact in areas from education to economeit
49
50  <h2>These affiliations and collaborations assist the Institution in inter alia:</h2>
51
52  <ul style="font-size:22px" style="list-style-type">
53    <li>Availability of exclusive and current online resources</li>

```

```

1 h2 {
2   color: gold;
3   font-size: 22px;
4 }
5
6 p {
7   font-size: 18px;
8 }
9
10 i {
11   font-size: 18px;
12 }
13
14 .navbar {
15   overflow: hidden;
16   background-color: navy;
17 }
18
19 .navbar a {
20   float: left;
21   font-size: 22px;
22   color: gold;
23   text-align: center;
24   padding: 10px 30px;
25   text-decoration: none;
26 }
27
28 .dropdown {
29   float: left;
30   overflow: hidden;
31 }
32
33 .dropdown .btnProgrammes {
34   font-size: 22px;
35   border: none;
36   outline: none;
37   color: gold;
38   padding: 10px 30px;
39   background-color: navy;
40   font-family: inherit;
41   margin: 0;
42 }
43
44 .navbar a:hover, .dropdown:hover .btnProgrammes {
45   background-color: gold;
46   color: navy;
47 }
48
49 .dropdown-content {
50   display: none;
51   position: absolute;
52   background-color: navy;

```




```
Project
Assignment 2
2d Store
Apply store font
Facebook.png
Home page font
Introduction to HTML page
Media font
Payment methods.html
Payment methods.png
Programmes.html
Vehement header.png
style_sheet.css
Footer.png
Web font 01.jpg
Youtube.png

1 h2{
2   color: gold;
3   font-size: 22px;
4 }
5
6 p{
7   font-size: 18px;
8 }
9
10 li{
11   font-size: 18px;
12 }
13
14 .navbar {
15   overflow: hidden;
16   background-color: navy;
17 }
18
19 .navbar a {
20   float: left;
21   font-size: 22px;
22   color: gold;
23   text-align: center;
24   padding: 16px 30px;
25   text-decoration: none;
26 }
27
28 .dropdown {
29   float: left;
30   overflow: hidden;
31 }
32
33 .dropdown .btnProgrammes {
34   font-size: 22px;
35   border: none;
36   outline: none;
37   color: gold;
38   padding: 16px 30px;
39   background-color: navy;
40   font-family: inherit;
41   margin: 0;
42 }
43
44 .navbar a:hover, .dropdown:hover .btnProgrammes {
45   background-color: gold;
46   color: navy;
47 }
48
49 .dropdown-content {
50   display: none;
51   position: absolute;
52   background-color: navy;
```

```
Project
Assignment 2
2d Store
Apply store font
Facebook.png
Home page font
Introduction to HTML page
Media font
Payment methods.html
Payment methods.png
Programmes.html
Vehement header.png
style_sheet.css
Footer.png
Web font 01.jpg
Youtube.png

52 background-color: navy;
53 color: gold;
54 min-width: 172px;
55 z-index: 1;
56 text-align: center;
57 }
58
59 .dropdown-content a {
60   float: none;
61   padding: 16px 30px;
62   text-decoration: none;
63   display: block;
64   text-align: center;
65 }
66
67 .dropdown-content a:hover {
68   background-color: gold;
69   color: navy;
70 }
71
72 .dropdown:hover .dropdown-content {
73   display: block;
74 }
75
76 .footer {
77   background-color: navy;
78   color: gold;
79   padding: 10px;
80   bottom: 0;
81 }
82
83
84 input {
85   font-size: 18px;
86 }
87
88 address {
89   font-size: 18px;
90 }
91
92 #search_bar{
93   border-radius: 25px solid;
94 }
95
96 button{
97   padding: 5px;
98 }
99
100 textarea{
101   font-size: 22px;
102 }
103
```

Bibliography:

- W3schools. n.d. *How TO - Dropdown Navbar*, n.d.[Online]. Available at: https://www.w3schools.com/howto/howto_css_dropdown_navbar.asp [Accessed 15 April 2019]
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- W3schools. n.d. *HTML <video> tag*, n.d.[Online]. Available at: https://www.w3schools.com/tags/tag_video.asp [Accessed 12 April 2019]
- W3schools. n.d. *HTML Entities*, n.d.[Online]. Available at: https://www.w3schools.com/html/html_entities.asp [Accessed 13 April 2019]
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- Chirp Internet. 2018. *HTML: HTML5 Form Validation Examples*, 21 November 2018.[Online]. Available at: <https://www.the-art-of-web.com/html/html5-formvalidation/> [Accessed 15 April 2019]