

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		
QUESTION TWO	20		
QUESTION THREE	15		
QUESTION FOUR	15		
QUESTION FIVE	20		
TOTAL MARKS	90		
MARKS FOR TECHNICAL ASPECTS			
1. TABLE OF CONTENTS	2		
2. LAYOUT AND SPELLING	3		
3. REFERENCE	5		
TOTAL MARKS	10		
TOTAL MARKS FOR ASSIGNMENT	100		
Examiner's Comments:			
Moderator's Comments:			
Signature of Examiner:		Signature of Moderator:	



Web Technology – 511

Assignment 2

Anthony Gordon Kruger

9208175020080

Student number 139399

061 034 0820

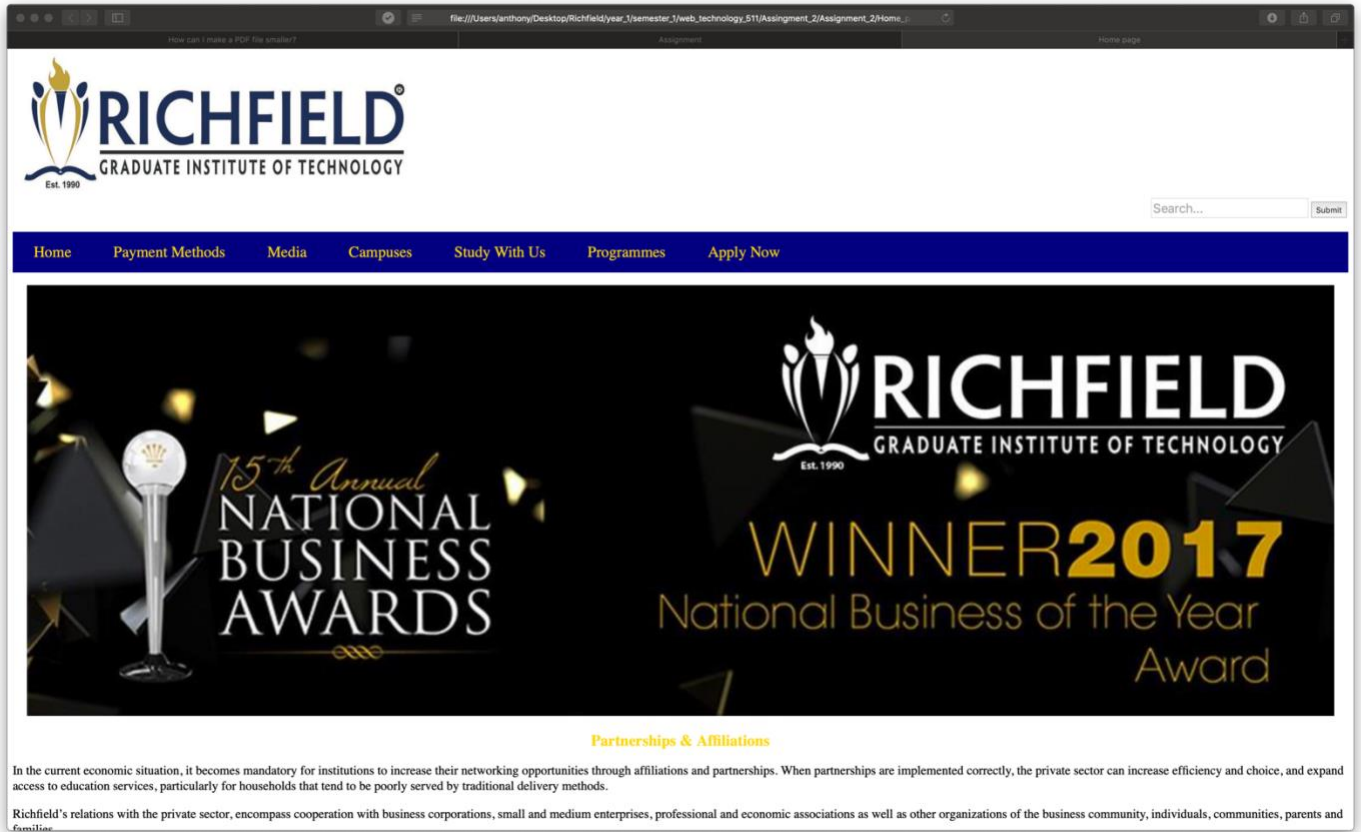
antman.kruger@gmail.com

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<i>Question 3:</i>	<i>14</i>
<i>Question 4:</i>	<i>19</i>
<i>Question 5:</i>	<i>24</i>

Question 1:

Home page, source code and linked CSS stylesheet:





```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Home page</title>
    <link rel="stylesheet" href="style_sheet.css">
  </head>
  <body>

    <form align="right" action="#"><input border="3" type="text" name="search_bar"
placeholder="Search..."><button type="submit">Submit</button></form>

    <br>

    <div class="navbar">
      <a href="Home_page.html">Home</a>
      <a href="Payment_methods.html">Payment Methods</a>
      <a href="Media.html">Media</a>
      <a href="#">Campuses</a>
      <a href="#">Study With Us</a>
      <div class="dropdown">
```

```

<button class="btnProgrammes">Programmes</button>
<div class="dropdown-content">
  <p><a href="#">HET</a></p>
  <p><a href="#">FET</a></p>
  <p><a href="#">TVET</a></p>
  <p><a href="#">Skills</a></p>
</div>
</div>
<a href="Apply_now.html">Apply Now</a>
</div>
<br>

<center>

</center>

<center>
<h2>Partnerships & Affiliations</h2>
</center>

```

<p>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.</p>

<p>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.</p>

<p>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 enduring partnerships and affiliations with a number of like-minded organizations and leaders who are eager to help drive global change and deliver true results.</p>

<h2>These affiliations and collaborations assist the Institution in inter alia:</h2>

```

<ul style="font-size:22px" style="no-style">
  <li>Availability of exclusive and current online resources</li>
  <li>Access to a variety of databases</li>
  <li>Conferences and seminars that staff can attend or participate in</li>
  <li>Networking</li>
  <li>Updating on latest cutting edge technology</li>
  <li>Placement of Students for Work Integrated Learning(WIL)</li>
  <li>Industry and Academic Experts as External Moderators, members of DACUM Panel and Senate</li>
  <li>Programme design, development, improvement and review</li>
</ul>

```

```

<div class="footer">

```

```
<p align="center">&reg; Website designed by 139399 &trade; 3 year DIT 2019 &copy; All Rights Reserved</p>
</div>
```

```
</body>
</html>
```

Linked CSS stylesheet:

```
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: 16px 30px;
  text-decoration: none;
}
```

```
.dropdown {
  float: left;
  overflow: hidden;
}
```

```
.dropdown .btnProgrammes {
  font-size: 22px;
  border: none;
  outline: none;
  color: gold;
  padding: 16px 30px;
  background-color: navy;
}
```

```

font-family: inherit;
margin: 0;
}

.navbar a:hover, .dropdown:hover .btnProgrammes {
background-color: gold;
color: navy;
}

.dropdown-content {
display: none;
position: absolute;
background-color: navy;
color: gold;
min-width: 172px;
z-index: 1;
text-align: center;
}

.dropdown-content a {
float: none;
padding: 16px 30px;
text-decoration: none;
display: block;
text-align: center;
}

.dropdown-content a:hover {
background-color: gold;
color: navy;
}

.dropdown:hover .dropdown-content {
display: block;
}

.footer {
background-color: navy;
color: gold;
padding: 1px;
bottom: 0;
}

input {
font-size: 18px;
}

address {
font-size: 18px;
}

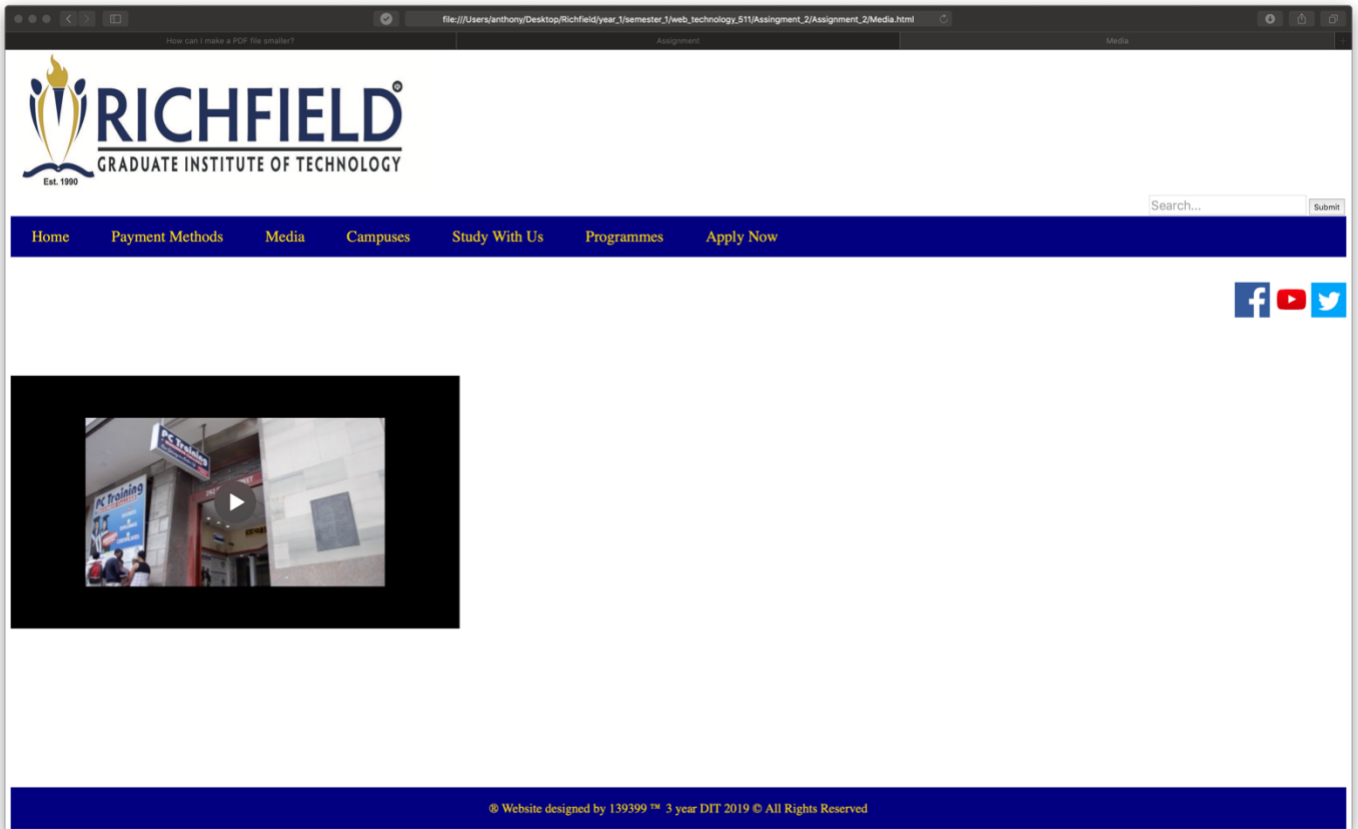
```



```
}  
  
#search_bar{  
    border-radius: 25px splid;  
}  
  
button{  
    padding: 5px;  
}  
  
textarea{  
    font-size: 22px;  
}
```

Question 2:

Media page, source code and linked CSS:



```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Media</title>
    <link rel="stylesheet" href="style_sheet.css">
  </head>
  <body>

    <form align="right" action="#"><input border="3" type="text" name="search_bar"
placeholder="Search..."><button type="submit">Submit</button></form>

    <div class="navbar">
      <a href="Home_page.html">Home</a>
      <a href="Payment_methods.html">Payment Methods</a>
      <a href="Media.html">Media</a>
      <a href="#">Campuses</a>
      <a href="#">Study With Us</a>
      <div class="dropdown">
```

```

    <button class="btnProgrammes">Programmes</button>
    <div class="dropdown-content">
      <p><a href="#">HET</a></p>
      <p><a href="#">FET</a></p>
      <p><a href="#">TVET</a></p>
      <p><a href="#">Skills</a></p>
    </div>
  </div>
  <a href="Apply_now.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>

```

Linked CSS stylesheet:

```

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: 16px 30px;
  text-decoration: none;
}

.dropdown {
  float: left;
  overflow: hidden;
}

.dropdown .btnProgrammes {
  font-size: 22px;
  border: none;
  outline: none;
  color: gold;
  padding: 16px 30px;
  background-color: navy;
  font-family: inherit;
  margin: 0;
}

.navbar a:hover, .dropdown:hover .btnProgrammes {
  background-color: gold;
  color: navy;
}

.dropdown-content {
  display: none;
  position: absolute;
  background-color: navy;
  color: gold;
}
```

```
min-width: 172px;
z-index: 1;
text-align: center;
}

.dropdown-content a {
float: none;
padding: 16px 30px;
text-decoration: none;
display: block;
text-align: center;
}

.dropdown-content a:hover {
background-color: gold;
color: navy;
}

.dropdown:hover .dropdown-content {
display: block;
}

}

.footer {
background-color: navy;
color: gold;
padding: 1px;
bottom: 0;
}

input {
font-size: 18px;
}

address {
font-size: 18px;
}

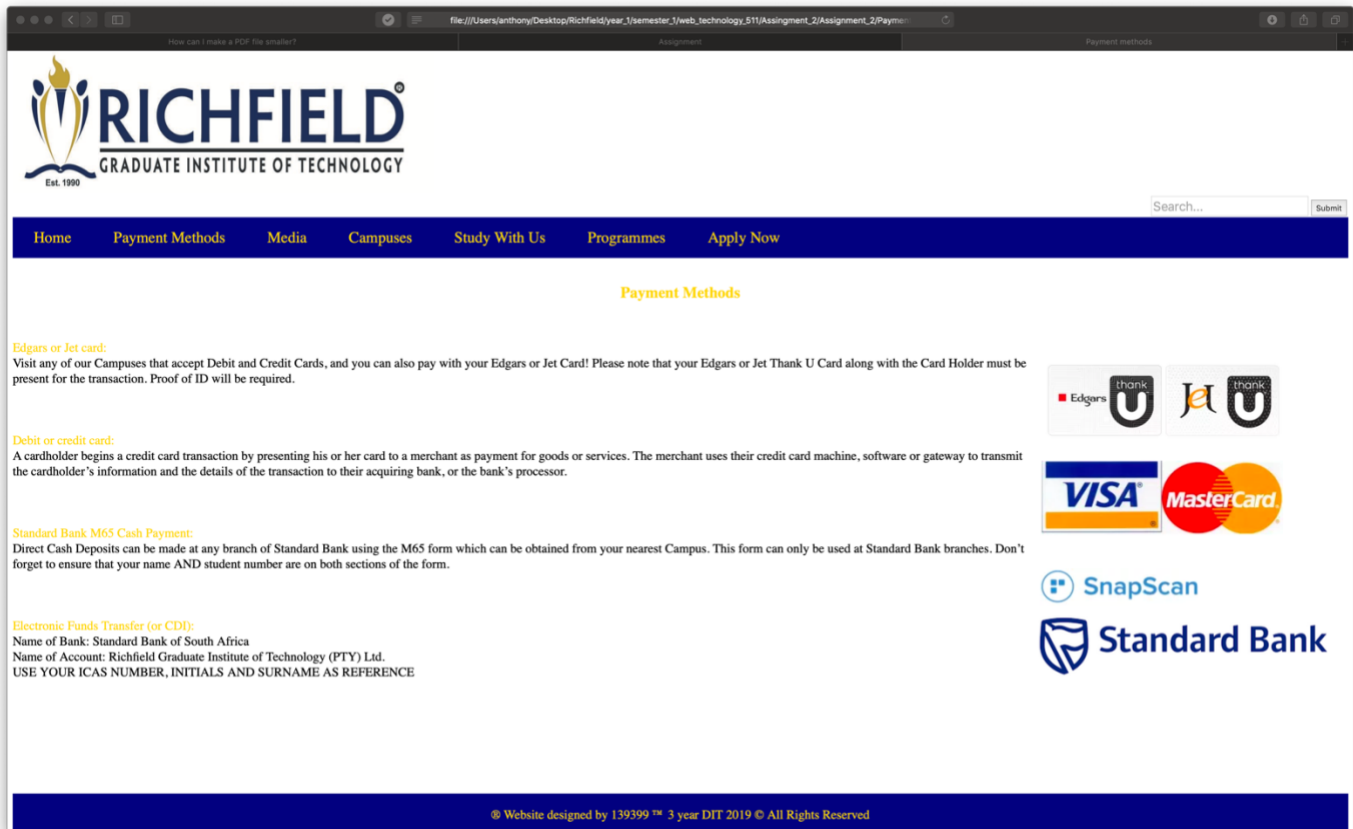
#search_bar{
border-radius: 25px solid;
}

button{
padding: 5px;
}

textarea{
font-size: 22px;
}
```

Question 3:

Payments page, source code and linked CSS:



```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Payment methods</title>
    <link rel="stylesheet" href="style_sheet.css">
  </head>
  <body>

    <form align="right" action="#"><input border="3" type="text" name="search_bar"
placeholder="Search..."><button type="submit">Submit</button></form>

    <div class="navbar">
      <a href="Home_page.html">Home</a>
      <a href="Payment_methods.html">Payment Methods</a>
      <a href="Media.html">Media</a>
      <a href="#">Campuses</a>
      <a href="#">Study With Us</a>
      <div class="dropdown">
        <button class="btnProgrammes">Programmes</button>
```

```

<div class="dropdown-content">
  <p><a href="#">HET</a></p>
  <p><a href="#">FET</a></p>
  <p><a href="#">TVET</a></p>
  <p><a href="#">Skills</a></p>
</div>
</div>
<a href="Apply_now.html">Apply Now</a>
</div>
<br>

<h2 align="center">Payment Methods</h2>
<br>
<p><font color="gold">Edgars or Jet card:</font><br>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.<br><br><br><br><font color="gold">Debit or credit card:</font><br>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.<br><br><br><br><font
color="gold">Standard Bank M65 Cash Payment:</font><br>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.<br><br><br><br><font color="gold">Electronic Funds Transfer (or
CDI):</font><br>Name of Bank: Standard Bank of South Africa <br>Name of Account: Richfield Graduate
Institute of Technology (PTY) Ltd. <br>USE YOUR ICAS NUMBER, INITIALS AND SURNAME AS
REFERENCE</p>
<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>

```

Linked CSS stylesheet:

```
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: 16px 30px;
  text-decoration: none;
}
```

```
.dropdown {
  float: left;
  overflow: hidden;
}
```

```
.dropdown .btnProgrammes {
  font-size: 22px;
  border: none;
  outline: none;
  color: gold;
  padding: 16px 30px;
  background-color: navy;
  font-family: inherit;
  margin: 0;
}
```

```
.navbar a:hover, .dropdown:hover .btnProgrammes {
  background-color: gold;
  color: navy;
}
```



```
.dropdown-content {  
  display: none;  
  position: absolute;  
  background-color: navy;  
  color: gold;  
  min-width: 172px;  
  z-index: 1;  
  text-align: center;  
}  
  
.dropdown-content a {  
  float: none;  
  padding: 16px 30px;  
  text-decoration: none;  
  display: block;  
  text-align: center;  
}  
  
.dropdown-content a:hover {  
  background-color: gold;  
  color: navy;  
}  
  
.dropdown:hover .dropdown-content {  
  display: block;  
}  
  
.footer {  
  background-color: navy;  
  color: gold;  
  padding: 1px;  
  bottom: 0;  
}  
  
input {  
  font-size: 18px;  
}  
  
address {  
  font-size: 18px;  
}  
  
#search_bar{  
  border-radius: 25px solid;  
}  
  
button{  
  padding: 5px;
```

```
}
```

```
textarea{  
  font-size: 22px;  
}
```

Question 4:

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



```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Home page</title>
    <link rel="stylesheet" href="style_sheet.css">
  </head>
  <body>

    <form align="right" action="#"><input border="3" type="text" name="search_bar"
placeholder="Search..."><button type="submit">Submit</button></form>

    <br>
```

BUTTON SOURCE CODE(CAN BE FOUND IN EACH PAGE)

```
<div class="navbar">
  <a href="Home_page.html">Home</a>
  <a href="Payment_methods.html">Payment Methods</a>
  <a href="Media.html">Media</a>
  <a href="#">Campuses</a>
  <a href="#">Study With Us</a>
  <div class="dropdown">
    <button class="btnProgrammes">Programmes</button>
    <div class="dropdown-content">
      <p><a href="#">HET</a></p>
      <p><a href="#">FET</a></p>
      <p><a href="#">TVET</a></p>
      <p><a href="#">Skills</a></p>
    </div>
  </div>
  <a href="Apply_now.html">Apply Now</a>
</div>
<br>

<center>

</center>

<center>
  <h2>Partnerships & Affiliations</h2>
</center>
```

<p>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.</p>

<p>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.</p>

<p>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 enduring partnerships and affiliations with a number of like-minded organizations and leaders who are eager to help drive global change and deliver true results.</p>

<h2>These affiliations and collaborations assist the Institution in inter alia:</h2>

- Availability of exclusive and current online resources

```

    <li>Access to a variety of databases</li>
    <li>Conferences and seminars that staff can attend or participate in</li>
    <li>Networking</li>
    <li>Updating on latest cutting edge technology</li>
    <li>Placement of Students for Work Integrated Learning(WIL)</li>
    <li>Industry and Academic Experts as External Moderators, members of DACUM Panel and
Senate</li>
    <li>Programme design, development, improvement and review</li>
</ul>

<div class="footer">
    <p align="center">&reg; Website designed by 139399 &trade; 3 year DIT 2019 &copy; All Rights
Reserved</p>
</div>

</body>
</html>

```

Linked CSS stylesheet:

```

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: 16px 30px;
    text-decoration: none;
}

.dropdown {
    float: left;

```

```
overflow: hidden;
}

.dropdown .btnProgrammes {
font-size: 22px;
border: none;
outline: none;
color: gold;
padding: 16px 30px;
background-color: navy;
font-family: inherit;
margin: 0;
}

.navbar a:hover, .dropdown:hover .btnProgrammes {
background-color: gold;
color: navy;
}

.dropdown-content {
display: none;
position: absolute;
background-color: navy;
color: gold;
min-width: 172px;
z-index: 1;
text-align: center;
}

.dropdown-content a {
float: none;
padding: 16px 30px;
text-decoration: none;
display: block;
text-align: center;
}

.dropdown-content a:hover {
background-color: gold;
color: navy;
}

.dropdown:hover .dropdown-content {
display: block;
}

.footer {
background-color: navy;
color: gold;
}
```

```
padding: 1px;
bottom: 0;
}

input {
  font-size: 18px;
}

address {
  font-size: 18px;
}

#search_bar{
  border-radius: 25px splid;
}

button{
  padding: 5px;
}

textarea{
  font-size: 22px;
}
```

Question 5:

Apply now page, source code and linked CSS:

Richfield Graduate Institute of Technology logo and navigation bar (Home, Payment Methods, Media, Campuses, Study With Us, Programmes, Apply Now).

Form fields:

- First Name
- Last Name
- email address
- Cell Number
- ID Number
- Date of birth
- Course (dropdown menu)
- Highest Education Level (dropdown menu)
- Identification Type (radio buttons: Passport Number, ID Number)
- Gender (radio buttons: Male, Female)
- Population Group (dropdown menu)
- Nationality
- Address

Send button

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```

<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Apply now</title>
    <link rel="stylesheet" href="style_sheet.css">
  </head>
  <body>

    <form align="right" action="#"><input border="3" type="text" name="search_bar"
placeholder="Search..."><button type="submit">Submit</button></form>

    <div class="navbar">
      <a href="Home_page.html">Home</a>
      <a href="Payment_methods.html">Payment Methods</a>
      <a href="Media.html">Media</a>
      <a href="#">Campuses</a>
      <a href="#">Study With Us</a>
      <div class="dropdown">
        <button class="btnProgrammes">Programmes</button>
        <div class="dropdown-content">
          <p><a href="#">HET</a></p>
          <p><a href="#">FET</a></p>
          <p><a href="#">TVET</a></p>
          <p><a href="#">Skills</a></p>
        </div>
      </div>
      <a href="Apply_now.html">Apply Now</a>
    </div>
    <br>

    <p><form class="" action="index.html" method="post">
      <input type="text" name="first_name" placeholder="First Name" size="100%">
      <br>
      <br>
      <input type="text" name="last_name" placeholder="Last Name" size="100%">
      <br>
      <br>
      <input type="email" name="email" placeholder="email address" size="100%">
      <br>
      <br>
      <input type="number" name="cell_number" placeholder="Cell Number" size="100%">
      <br>
      <br>
      <input type="number" name="id_num" placeholder="ID Number" size="100%">
      <br>
      <br>
    </form>
  </body>
</html>

```

<input type="date" name="date_of_birth" placeholder="Date of birth" size="100%">

<p>Course<font
color="white">_____ <select name="Course" required>
 <option value="option1">option 1</option>
 <option value="option2">option 2</option>
 <option value="option2">option 3</option>
</select></p>

<p>Highest Education Level <font
color="white">_____<select name="education_level"
required>
 <option padding="200px" value="option1">option 1</option>
 <option value="option2">option 2</option>
 <option value="option2">option 3</option>
</select></p>

<p>Identification Type _____<input required type="radio"
name="Identification" value="Passport Number">Passport Number
 __<input type="radio" required name="Identification" value="ID
Number">ID Number</p>

<p>Gender _____<input type="radio"
name="gender" value="male" required>Male
 __ <input type="radio" name="gender" value="female"
required>Female</p>

<p>Population Group <font
color="white">_____<select
name="population_group" required>
 <option value="option1">option1</option>
 <option value="option2">option2</option>
 <option value="option3">option3</option>
 <option value="option4">option4</option>
 <option value="option5">option5</option>
</select></p>

<input type="text" name="nationality" placeholder="Nationality" size="100%" required>

<p><textarea required name="address" rows="9" cols="79"
placeholder="Address"></textarea></p>

```
<button color="white" type="button" name="button"><input type="submit" name="submit_now"
value="Send button"></button>
</form>
<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>
```

Linked CSS stylesheet:

```
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: 16px 30px;
  text-decoration: none;
}

.dropdown {
  float: left;
  overflow: hidden;
}

.dropdown .btnProgrammes {
```

```
font-size: 22px;
border: none;
outline: none;
color: gold;
padding: 16px 30px;
background-color: navy;
font-family: inherit;
margin: 0;
}

.navbar a:hover, .dropdown:hover .btnProgrammes {
background-color: gold;
color: navy;
}

.dropdown-content {
display: none;
position: absolute;
background-color: navy;
color: gold;
min-width: 172px;
z-index: 1;
text-align: center;
}

.dropdown-content a {
float: none;
padding: 16px 30px;
text-decoration: none;
display: block;
text-align: center;
}

.dropdown-content a:hover {
background-color: gold;
color: navy;
}

.dropdown:hover .dropdown-content {
display: block;
}

.footer {
background-color: navy;
color: gold;
padding: 1px;
bottom: 0;
}
```

```
input {  
  font-size: 18px;  
}  
  
address {  
  font-size: 18px;  
}  
  
#search_bar{  
  border-radius: 25px splid;  
}  
  
button{  
  padding: 5px;  
}  
  
textarea{  
  font-size: 22px;  
}
```

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