

Web Design and Development 4COSC011W

Report

Author:

Shanmugaratnam Mohanaranjan

Student ID: 20200607 /

W1870584 / 18705841

Group Number: L-6

Student Role: Student 01

Link(s) to WebSite

URL: file:///C:/Users/ranja/Desktop/Mohanaranjan/public_html/index.html

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1. Introduction

Section guidelines:

- a) List of the team members, allocation of tasks (student 1 to 4), and topic of the website.

Education

Name	UOW Number	IIT Number	Student
H.H.Pushpakumara	W1839837	20201021	04
S.A.Sasmika Devmith	W1838848	20200894	03
Saumiya moorthy Rakshaagar	W1870613	20200923	02
Shanmugaratnam Mohanaranjan	W1870584	20200607	01

b) Include the summary table of your contributions to the group meetings.

Group Coursework Meetings (minimum 6 meetings, e.g., one per week)	
1	Date & Time: 2022 February 26, 2022 – 10.00am
	Objective: Discuss our part
	Attended: Yes
	Your Contribution: Help to choose topic
2	Date & Time: 2022 March 4, 2022 – 6.45 pm
	Objective: Select name
	Attended: Yes
	Your Contribution: Suggest names
3	Date & Time: 2022 March 11, 2022 - 7.30 pm
	Objective: UOW FTP Server link create
	Attended: Yes
	Your Contribution: Discuss and search for mac systems
4	Date & Time: 2022 March 16, 2022 - 2.30pm
	Objective: Link our web pages
	Attended: Yes
	Your Contribution: Help to navigate links and pics
5	Date & Time: 2022 March 21, 2022 – 10.00 am
	Objective: home page creation
	Attended: Yes
	Your Contribution: Help to contents
6	Date & Time: 2022 March 26, 2022 – 9.15 am
	Objective: Finish Our website
	Attended: Yes
	Your Contribution: Adjusting the CSS and give some feedback to input pics

- Technical Discussion

Max 1000 words

Section guidelines:

- Discuss the development of the tasks that **you were allocated**. This technical discussion must include the approach taken, and explanations of how the required functionality was implemented. Illustrate your explanation with code snippets and screenshots. Also explain the difficulties you faced and how you solved them.
- Illustrate your technical discussion with screenshots and code samples.
- **Discuss only the following tasks that you were allocated.**
- **State if any of your allocated tasks were not completed.**

Student 1:

- Presentation Page
- Buy products

Student 2:

- Main site navigation & External CSS
- Query Form

Student 3:

- Quiz
- Student details

Student 4:

- Diagram (SVG)
- Thumbnail Images

(All students) Page Editor Page, Main (Home) Page, Extra content page relevant to topic.

Student 1:

- Presentation Page

Presentation page which includes the name and details of group and have the details of topic and show the home page after 4 seconds. I am used external CSS style sheet to do the styling part of this. Use image tag to input logo of institutes and topic logo with respective height and styles like padding colouring and others as in style sheet. Use table method to display the group members. I got problem in centre the items and later I go through some search, resources and got help from team mates to fixed it as using text align, align contents and padding to centre those and to fix the 4 seconds display automatically.

- Buy products

Buy Products is a really made good experience in this coursework. I display the courses and the amount. I must shoe their summaries and selection as well. I am planned to do as display all the courses and some other related companies with collaborations. Then to get their name, email address, selections of courses, duration of a course you want and finally the invoice details. As the plan I start my work and proceed. Initially I am displaying the navigation bar and setup the html page and then find some courses companies and the needed content then using html and CSS parts like body head and container to display on the page then by using form and select option method to get their name email address and select their course they want and using radio button get the duration and make field set to display the details and to confirm it.

After this move to create functions and declared variables by using getElementById to get user inputs then validate form. Again, get input of durations and courses by radio array and switch case to display in invoice details then declare the buttons with the specific name and values and using reset clear the details by clear button.

I am got the problem in validating part and display the output of the ivoic details and problem off buttons not worked. I am get search on websites and follow some video to short with friends

2. Webpage Validation Statement

Briefly state which three of your web pages validated without errors. Put the screen shots of the validation results in Appendix C.

Presentation page quiz page editors page are thoroughly validated without errors and validated by implementing and follow the validation part properly. It follows the javascript functions and modified validate part carefully.

3. Janet

Section guidelines: Explain how your web site complied with Janet Regulations, [Janet Policies and Legal Requirements](#). Max 200 words.

Their collected personal information is maintained safely and follow the legal policies and to maintain the web page securely and claim the necessary thing with user policy agreement with following respected laws of IT online learning and their payment vouchers and their credit card or details about them are also keep secure, and it follows the online payment policies and maintain a higher security code for threading by developers.

Janet Network Connection Policy supporting the broader education and research community or be delivering educational services to communities that are not directly connected to Janet, such as schools. Interconnect Connections are not subject to the Janet SLA. Only an IP service is normally available - other Janet services are only provided by arrangement. have an impact on performance. the intent is to prevent reckless or inconsiderate activities by members of one organisation causing inconvenience to others. Breaches of confidentiality, ranging from intrusion of privacy to theft of intellectual property is prevented by enable users, through training, procedures and systems, to use the network safely.

References

Provide references to resources you have used.

1. Gray (Design Course)(2022.January)(Accessed:1.03.2022)
From YouTube Available at : <https://www.youtube.com/watch?v=D-h8L5hgW-w>.
2. W3schools (Accessed: 3.03.2022).
Available at :www.w3schools.com.
3. Mosh (Programming with Mosh)(24.04.2018)(Accessed: 10.03.2022).
Available at: <https://www.youtube.com/watch?v=W6NZfCO5SIk>.
4. Jen Simmons Linked in learning (HTML Essential Training) (Feb 2020)
(Accessed 7.03.2022).

Appendices

Appendix A: Code

Provide a full listing of your files, with well indented and commented code in the following format:

- Filename
- Code

Presentation Page

Student01.html

```
<!doctype html> <!-- Start the HTML -->
<html lang="en">
<!-- Set language as English-->

<head>
  <meta http-equiv="refresh" content="4;url=../Student_2/Home/home.html"> <!-- Display after 4
seconds -->
  <meta charset="UTF-8"> <!-- Meta character -->
  <link rel="StyleSheet" type="text/css" href="Student01.css"> <!-- link css part-->
  <title> Presentation Page</title>
  <h1 class="h1a">
    INFORMATICS INSTITUTE OF TECHNOLOGY <br>
    UNIVERSITY OF WESTMINSTER <br>
     <!-- Input Image -->
    
    <br>
  </h1>
</head>

<body style="background-image:url(Hat.png); width:1500px; height: 12px;">
  <h3 class="h3">
    Module Leader : Ms. Janani Avanthika Harischandra <br>
    Module Lecturer : Ms. Theja Perera
    <br>
    Group Name : L-6
    <br>
    Topic : Education <br><br>
    
    <br><br>
    Group Members
  </h3>
  <table class="table">
    <!-- Enter students details in table -->
    <tr>
      <th class="td"> Name </th>

      <th class="th"> UOW Number </th>

      <th class="th"> IIT Number </th>
    </tr>
    <tr>
      <th class="th"> H.H.Pushpakumara </th> <!-- Team Leader -->
```

```
<td> W1839837 </td>

<td> 20201021 </td>
</tr>
<th class="th"> S.A.Sasmika Devmith </th>

<td> W1838848 </td>

<td> 20200894</td>
<tr>
</tr>
<th class="th"> Saumiyamoorthy Rakshaagar </th>

<td> W1870613</td>

<td> 20200923 </td>
<tr>
<th class="th"> Shanmugaratnam Mohanaranjan </th>

<td> W1870584 </td>

<td> 20200607 </td>
</tr>
</table> <br> <br>
Page developer : Mohanaranjan
</body>

</html>
```

Products Page

Student01Pro.html

```

<!DOCTYPE html> <!-- Start HTML-->
<html lang="en">

<head>
  <!-- Start head of html -->
  <div class="bar">
    <!-- Navigation bar-->
    
    <ul class="nav" id="barlink">
      <li class="home"><a href="../Student_2/Home/home.html">&nbsp;Home&nbsp;</a></li>
      <li><a href="../Student_4/Extra_Page/aboutus.html">About Us&nbsp;</a></li>
      <li><a href="../Student_4/Thumbnail_Images/ourservices.html">Our
Services&nbsp;</a></li>
      <li><a href="../Student01Pro.html">Courses&nbsp;</a></li>
      <li><a href="../Student_3/Quiz/Quiz.html">Quiz&nbsp;</a></li>
      <li><a href="../Student_4/SVG_Diagram/sitemap.html">Sitemap&nbsp;</a></li>
      <li><a href="../Student_3/Student_Details/sdetails.html">Developers</a></li>
    </ul>
  </div>
  <title>
    Buy Products
  </title>
  <link rel="StyleSheet" type="text/css" href="Student01.css">
  <link rel="JavaScriptSheet" href="Student01.js">
</head>

<body>
  <!-- Start Body -->
  <!-- Container of Products-->
  <div class="container">
    <h1 class="h1b">
      IT Courses
    </h1>
    <div class="product" id="Product01">
      
      Java <br>
      &pound;12
    </div>
    <div class="product" id="Product02">
      
      Python <br>
      &pound;15
    </div>
    <div class="product" id="Product03">
      
      Microsoft Office <br>
      &pound;18
    </div>
    <div class="product" id="Product04">
      
      HTML <br>
      &pound;10
    </div>
  </div>

```

```

</div>
</div>
<div class="container">
  <!-- Container of Collobrated Companies -->
  <h1 class="h1b">
    Collobrated Companies
  </h1>
  <div class="product" id="Product011">
     <!-- Input image -->
    HCL <br>
    <a href="https://www.hclsrilanka.com"> Click here </a>
  </div>
  <div class="product" id="Product021">
    
    Cisco <br>
    <a href="https://www.Cisco.com"> Click here </a>
  </div>
  <div class="product" id="Product031">
    
    Microsoft <br>
    <a href="https://www.microsoft.com"> Click here </a>
  </div>
  <div class="product" id="Product041">
    
    Coursera <br>
    <a href="https://www.Coursera.org"> Click here </a>
  </div>
</div>
<!-- Start form to buy products to oder with invoice -->
<form class="form" name="invoice" id="invoice" onreset="resetOrder();">
  <Fieldset>
    Enter Name :
    <input type="text" name="ename" id="ename" placeholder="Enter Your Name"> <br>
    E-Mail Address :
    <input type="text" name="email" id="email" placeholder="Enter Your E-Mail Address">
  <br>
  Courses Options :
  <!-- Select options -->
  <select name="coursesOptions" id="coursesOptions" onchange="checkOptions(this.form);">
    <option value="none"> Select an option </option>
    <option value="java"> java </option>
    <option value="python"> python </option>
    <option value="Microsoft"> Microsoft </option>
    <option value="HTML"> HTML </option>
  </select> <br>
  Duration Options :
  <input type="radio" name="duration" id="doptions" value="12 Months"
onchange="invoicedetails(this.value)"><label for="12months"> 12 Months ; </label>
  <input type="radio" name="duration" id="doptions" value="06 Months"
onchange="invoicedetails(this.value)"><label for="06months"> 06 Months ; </label>
  <input type="radio" name="duration" id="doptions" value="03 Months"
onchange="invoicedetails(this.value)"><label for="03months"> 03 Months.</label> <br><br>
  <input type="button" value="Place your Details" form="term" value="submit"
onclick="showdiv()">
  <input type="reset" value="Clear" style="margin-left: 10px;">

```

```
</Fieldset>
</form>
<br>
<br>
<!-- Invoice details output display -->
<fieldset id="invoice">
  <legend>Invoice Details : </legend>
  <span id="Name"></span><br>
  <span id="Email"></span><br>
  <span id="TelNo"></span><br>
  <span id="Subject"></span><br>
  <span id="Details"></span><br>
  <div>
    <!-- Buttons -->
    <input class="button" type="reset" value="Edit">
    <input class="button" type="submit" value="Order">
  </div>
</fieldset>
Page developer : Mohanaranjan
</body> <!-- End of Body-->

</html> <!-- End of HTML -->
```

Javascript Page
Student01.js

```
function getSelectedValue(selectList){
    return selectList[ selectList.selectedIndex ].value;
}

function getSelectedText(selectList){
    return selectList[ selectList.selectedIndex ].text;
}

function validateForm(term){
    var ename = term.ename.value;
    var email = term.email.value;
    var coptions = term.courseOptions.value;
    var doptions = term.doptions.value

    if (ename=="" && email=="" && courseOptions=="" && doptions=="" &&
getSelectedValue(term.subject)=="none"){
        alert("Please fill the form");
        return false;
    }

    else if (ename== ""){
        alert("Please Enter your name");
        return false;}

    else if (email== "") {
        alert("Please Enter your E-Mail address");
        return false;}

    else if (coursesOptions==""){
        alert("Please Enter your Courses");
    }
    else if (doptions==""){
        alert("Please Enter your Duration");
    }

    else if (!(email.includes("@"))){
        alert("'@' is required for your email");
        return false;}

    else if (!(email.includes(".com"))){
        alert("' .com' is required for your email");
        return false;}

    else if (getSelectedValue(term.courseOptions)=="none"){
        alert("Please select a Course Options");
        return false;}

    else if (getSelectedValue(term.duration)=="none"){
        alert("Please select a Duration Options");
        return false;}

    else{
```

```
        frm.style.display = "none";
        return true;}
    }

function showDiv(){
    document.term1.style.display = "block";
    var summary = document.getElementById("Invoice Details");
    summary.style.display = "none";
    return true;
}

function resetForm(){
    setTimeout(function(){term1.reset();} , 50);
}

function validate(term) {
    var summary = document.getElementById("Invoice Details");
    if(validateForm(term)){
        var ename = term.ename.value;
        var email = term.email.value;
        var coptions = term.courseOptions.value;
        var doptions = term.doptions.value
        document.getElementById("Enter Name").innerHTML =newFunction("ename").innerHTML;
        document.getElementById("E-mail Address").innerHTML =newFunction("email").innerHTML;
        document.getElementById("Courses Options").innerHTML
        =newFunction("courseOptions").innerHTML;
        document.getElementById("Duration Options").innerHTML
        =newFunction("doptions").innerHTML;
        summary.style.display = "Finished";
    }

    function newFunction() {
        return "";
    }
}

function getRadioValue(radioArray){
    var i;
    for ( i = 0 ; i < radioArray.length;i++){
        if(radioArray[i].checked){
            return radioArray[i].value;
        }
    }
    return "";
}

function invoicedetails(invoice){
    alert(invoice);

    switch(invoice){
        case "12months":
            document.getElementById("invoice").innerHTML =
            document.getElementById("product1").innerHTML;
            break;

        case "06months":
```



```
document.getElementById("invoice").innerHTML =  
document.getElementById("product2").innerHTML;  
break;
```

```
case "03months":  
    document.getElementById("invoice").innerHTML =  
document.getElementById("product3").innerHTML;  
break;
```

```
default:  
    document.getElementById("invoice").innerHTML = "";  
break;  
}  
}
```

```
function checkOptions(invoice2){  
    alert(invoice2);
```

```
    switch(invoice2){  
        case "java":  
            document.getElementById("invoice2").innerHTML =  
document.getElementById("product1").innerHTML;  
            break;
```

```
        case "python":  
            document.getElementById("invoice2").innerHTML =  
document.getElementById("product2").innerHTML;  
            break;
```

```
        case "microsoft":  
            document.getElementById("invoice2").innerHTML =  
document.getElementById("product3").innerHTML;  
            break;
```

```
        case "html":  
            document.getElementById("invoice2").innerHTML =  
document.getElementById("product3").innerHTML;  
            break;
```

```
        default:  
            document.getElementById("invoice").innerHTML = "";  
            break;  
        }  
    }
```

```
function resetOrder(){  
    document.getElementById("doptions").innerHTML="";  
    document.getElementById("courseOptions").innerHTML="";  
}
```

CSS Style Page
Student01.css

```
.body{
    font-family:'Times New Roman';
    background-color: #181616;
    font-size: 18px;
}

.h1 {
    font-family: Arial, sans-serif;
    letter-spacing: 0.5rem;
    color: white;
    text-align: center;
    font-size: 45px;
    text-shadow: 2px 2px #2c2c2c;
    margin-top: 5%;
}

.nav {
    text-align: right;
    font-size: 25px;
    margin: 0;
    font-family: Arial, Helvetica, sans-serif;
    text-transform: uppercase;
}

.logo img {
    position: absolute;
    margin-top: 7px;
    margin-left: 25px;
    width: 16%;
    height: 8%;
}

.home a:link {
    font-weight: bold;
    background-color:#7e0b0b;
    padding: 5px;
    border-radius: 7px;
}

.bar {
    overflow: hidden;
    background-color: black;
    width: 100%;
    display: block;
    padding: 25px 15px;
}

.bar a:link {
    color: white;
    font-size: 20px;
```

```
font-family: monospace;
text-decoration: none;
}

.bar a:visited {
  color: white;
  text-decoration: none;
}

.bar a:hover {
  color: #7a8690;
}

.bar a.active {
  color: green;
}

#barlink li {
  display: inline;
  margin-right: 30px;
}

.h1b {
  font-family: 'Times New Roman';
  color: rgb(11, 11, 12);
  text-align: left;
  font-size: 40px;
}

.h1a {
  font-family: 'Times New Roman';
  color: rgb(11, 11, 12);
  text-align: center;
  font-size: 40px;
}

.h3 {
  font-family: 'Times New Roman';
  color: black;
  font-size: 25px;
  text-align: center;
  align-items: center;
}

.table, td {
  border: 2px solid rgba(95, 93, 93, 0.904);
  border-collapse: collapse;
  margin-left: auto;
  margin-right: auto;
  text-align: center;
  align-content: center;
}

.th {
  text-align: left;
  border: 2px solid rgba(95, 93, 93, 0.904);
```

```
border-collapse: collapse;
margin-left: auto;
margin-right: auto;
align-content: center;
}
.four{
text-align: center;
text-transform: capitalize;
color: #383838;
}

.product{
float: left;
background-color: rgb(87, 90, 95);
margin: 10px 10px 0 0 ;
width: 250px;
border: black solid 1px;
}

.free{
text-align: left;
font-size: 18px;
font-weight: bold;
color: #988E8E;
height:50px;
position: relative;
}

.container{
text-align:center;
font-size: 20px;
font-weight: bold;
color:rgb(255, 255, 255);
position: relative;
height: 400px;
width: 1200px;
margin-left: auto;
margin-right: auto;
}

.price{
width: 234px;
color:rgb(153, 163, 128);
position: absolute;
bottom: 30px;
height: 20px;
}

.labelOrder {
margin: -75px 10px 0 0;
padding-top: 12px;
width: 258px;
height: 460px;
background-color: #ccc; float: left;
```

```
text-align: center;
font-size: 20px;
font-weight: bold;
color: #333;
}

.order {
height: 376px;
float: none;
margin-right: auto;
margin-left: auto;
}

.orderDescription {
font-size: 16px;
height: 40px;
}

.form {
clear: both;
padding: 20px;
position: relative;
top: 20px;
background-origin: padding-box;
border: 2px solid black;
}

input[type=button], input[type=reset] {
float: right;
margin-right: 10px; }

.ul {
text-align: center;
font-size: 20px;
font-weight: bold;
color: #333;
padding-top: 20px;
height: 120px;
position: relative;
}

.search {
}
```

Appendix B: Screenshots

Provide a screenshot of all your web pages, in the following format:

- Filename
- Screenshot(s)

Presentation Page

INFORMATICS INSTITUTE OF TECHNOLOGY UNIVERSITY OF WESTMINSTER

UNIVERSITY OF
WESTMINSTER



INFORMATICS
INSTITUTE OF
TECHNOLOGY

Module Leader : Ms. Janani Avanthika Harischandra

Module Lecturer : Ms. Theja Perera

Group Name : L-6

Topic : Education

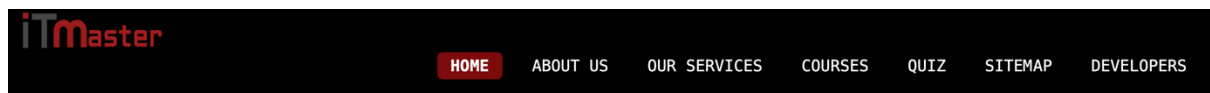
iTMaster

Group Members

Name	UOW Number	IIT Number
H.H.Pushpakumara	W1839837	20201021
S.A.Sasmika Devmith	W1838848	20200894
Saumiyaamorthy Rakshaagar	W1870613	20200923
Shanmugaratnam Mohanaranjan	W1870584	20200607

Page developer : Mohanaranjan

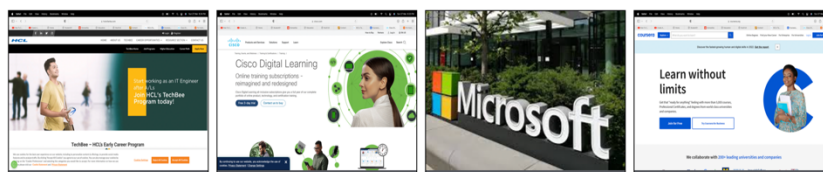
Product Page



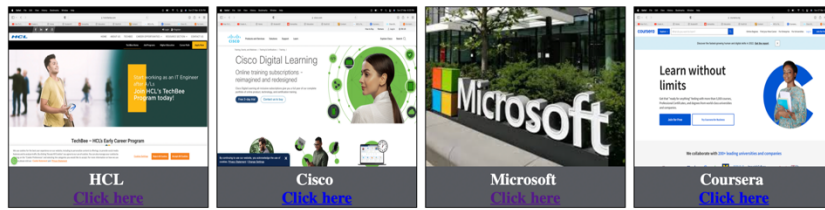
IT Courses



Collobrated Companies



Collobrated Companies



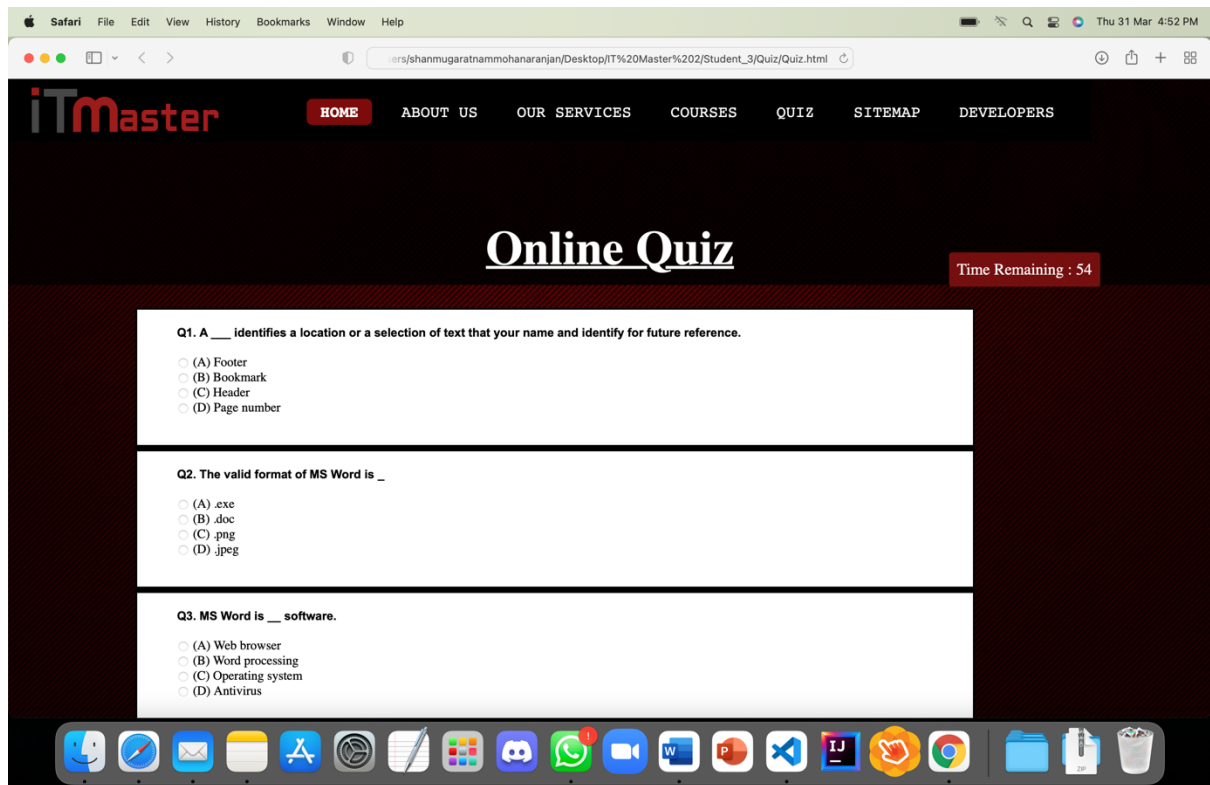
Enter Name :
E-Mail Address :
Courses Options :
Duration Options : ☐ 12 Months ; ☐ 06 Months ; ☐ 03 Months.

Invoice Details :

Page developer : Mohanaranjan

Appendix C: Screenshots - Webpage Validation Evidence

Enter Name : Mohanaranjan
E-Mail Address : shanmugaratnam.2020060
Courses Options : java
Duration Options : ☒ 12 Months ; ☐ 06 Months ; ☐ 03 Months.



INFORMATICS INSTITUTE OF TECHNOLOGY UNIVERSITY OF WESTMINSTER

UNIVERSITY OF
WESTMINSTER



INFORMATICS
INSTITUTE OF
TECHNOLOGY

Module Leader : Ms. Janani Avanthika Harischandra
Module Lecturer : Ms. Theja Perera
Group Name : L-6
Topic : Education

iTmaster

Group Members

Name	UOW Number	IIT Number
H.H.Pushpakumara	W1839837	20201021
S.A.Sasmika Devmith	W1838848	20200894
Saumiyaamoorthy Rakshaagar	W1870613	20200923
Shanmugaratnam Mohanaranjan	W1870584	20200607

Page developer : Mohanaranjan

Appendix D: Individual Statement

Student Name:	Shanmugaratnam Mohanaranjan	Student Id:	20200607
State what tasks you carried out in the project.			
I carried out the role of Student 01 and helped in making home page.			
State what you enjoyed and did not enjoy about teamwork.			
I get some experience in teamwork and share the knowledge.			
State what you learnt about teamwork.			
Sharing knowledge and help to bring out them when in struggle			
State what skills you gained/learnt from undertaking the project.			
JavaScript and HTML CSS to create website			
State any strengths about yourself that emerged whilst undertaking the project.			
I can manage to input the contents on page			
State any weaknesses about yourself that emerged whilst undertaking the project.			
Less in the speed as typing speed			
State how you would do things better if you were to undertake the project again.			
I can attach more CSS and try to make more JavaScript functions too and solve the issues what I made.			
Additional general or project specific comments:			
Learned some online platforms.			