

# Web Design and Development 4COSC011W

## Report

Author: U.A.Pragathi Sithmini  
Student ID: W1810216

Group Number: Group E  
Student Role: Student 2

Link(s) to WebSite

URL: <https://w1810216.users.ecs.westminster.ac.uk/>

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## 1. Introduction

- Topic – **Education**
- Topic of the website – PJIT-SQUAD
- List of team members

Name	UoW ID	IIT ID	Alocation student number	Allocation of tasks
1.Tharindu Jayasankha	W1810570	20200352	Student 1	Presentation Page Buy products Page Editor Page
2.U.A. Pragathi Sithmini	W1810216	20200351	Student 2	Main Page & External CSS Query Form Page Editor Page
3.Jayana Gunaweera	W1010567	20200003	Student 3	Quiz Student details Page Editor Page
4.Iranga Bandara	w1811124	2019190	Student 4	Diagram (SVG) Thumbnail Images Page Editor Page

First, all of our team members discussed and selected a topic which given in the specification. Finally, we decided to build a educational website focusing on the subject of Information Technology. After that we named it as the PJIT-SQUA (Perfect Joint Information Technology) and mainly consists it with the product buy section, quiz for testing user's knowledge etc.

## 2. Technical Discussion

My tasks are developing the main page and maintaining an external CSS to entire website as well as designing a query form too our inculcative website to be utilize amicable.

Consequently, I engendered the query form as whenever utilize enter their details its will be automatically distribute to my electronic mail, but if they didn't fill the compulsory details for user's system will be popup a vigilant message to fill the compulsory field and those details will be directly send to authors electronic mail address.

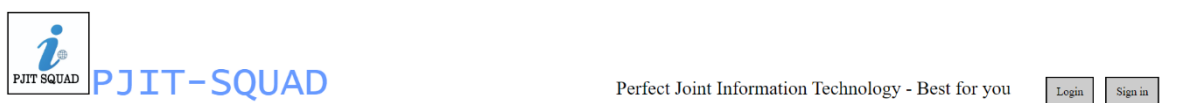
When I'm developing this website with my particular task I approached as encoding the html tags and the designation tag, head and body tags in text editor and I upload it in the web server on very first week.

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <title>Main Page</title>
6 </head>
7 <body>
8 </body>
9 </html>
```

*Figure 1 Startup html code*

Moreover, I commenced to develop main page meanwhile utilizing external CSS and java file according to injective specification of given in cw.

In that situation i was coding some codes and run in the browser, literary I checked each code and linked file such as CSS and Java.



*Figure 2 Main Page header section*

Firstly, I applied the logo and our website title once I done with this part, I started to encode login and sign in buttons as well as I applied this top to the navigation bar.

Meanwhile when I developing, I faced some scenarios such as logo position changed as height and width are increased and alignment changed but eventually i fixed the issue by using css STYLING.



Figure 3 Main Page Navigation bar

In above navigation bar to display the content as unordered list under div tag and used inline method to be more interact, as above i applied social media logo and link as well, moreover I used to this display as sticky, designing this navigation bar content purpose is linking to the particular sub web pages, but in this particular navigation bar , once I done completely its run unexpectedly when I'm scrolling down its run in opposite manner , such as when scrolling down its display all the content display above the navigation bar.

I solved this issue using z-index: +2 to change the layers under CSS styling accordingly. When I'm linking to the particular task, I faced some issues such as not appropriately linking to the relevant pages messing through missing to use anchor close tag. I fixed the issue by applying appropriately.

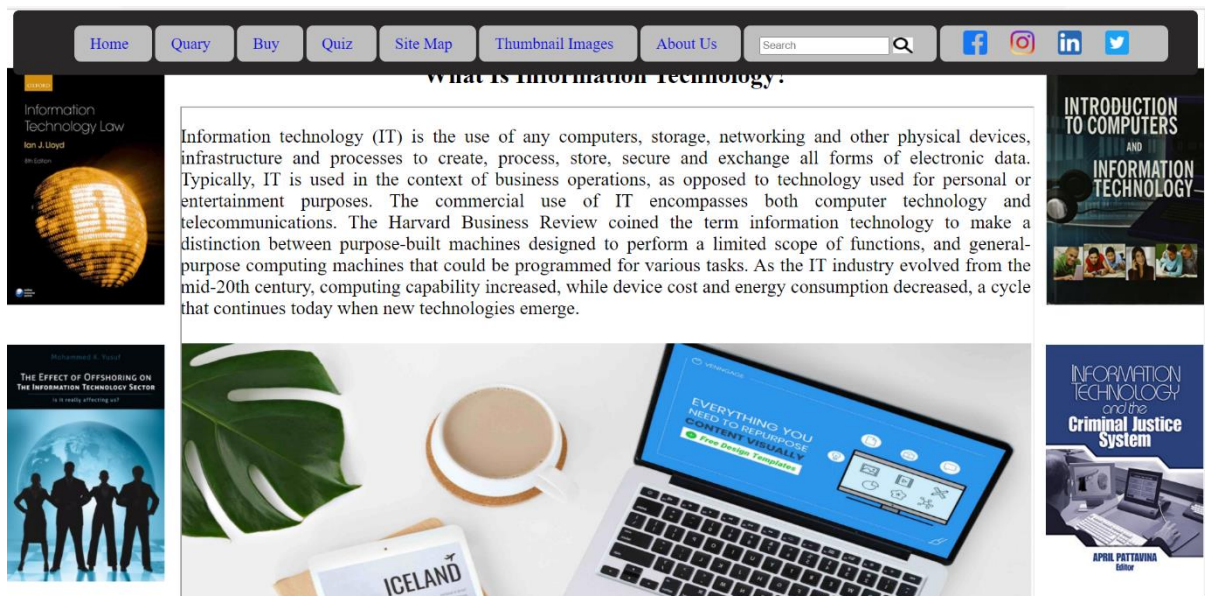


Figure 4 Main Page Content1

I used to display all the main page images using CSS, but without using absolute to position the image, therefore I mess the images such as below.

### What Is Information Technology?

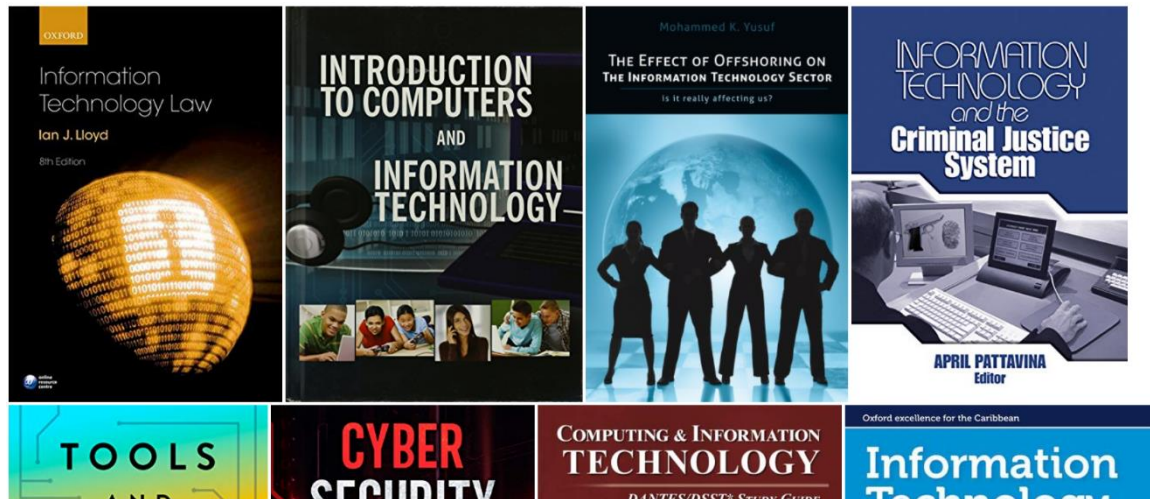


Figure 5 messdup picture of the Main Page

While using the correct codes appropriately I fixed it how I was expected. When I'm aligning the webpage position its apply with different alignment but eventually I realized the error and fixed it as appropriately. Moreover, to be interactive my page I used suitable images by using CSS style from beginning to the end of my page and also without changing the position of the surround the lframe all the images. I decreased the height:"300px" width:"200px" using relevant pixels, to align the position of the images used padding under CSS styling. when I'm using at the beginning, all the images displayed above the navigation therefore to prevent the images displaying below the navigation bar I used the CSS style as z-index: -1.

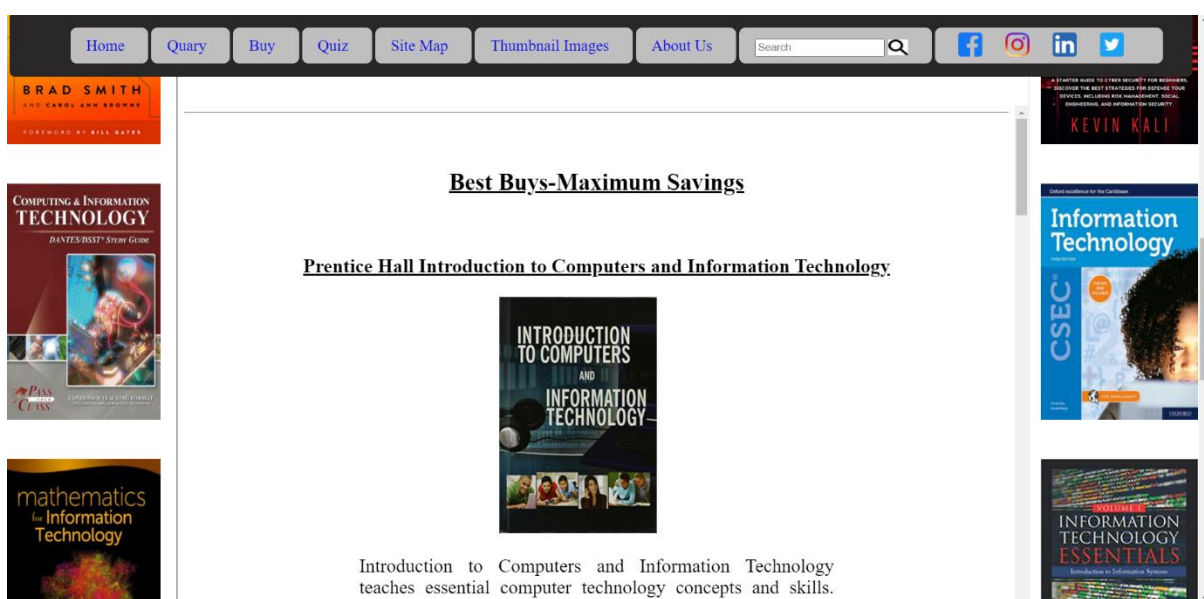


Figure 6 Main Page lframe1



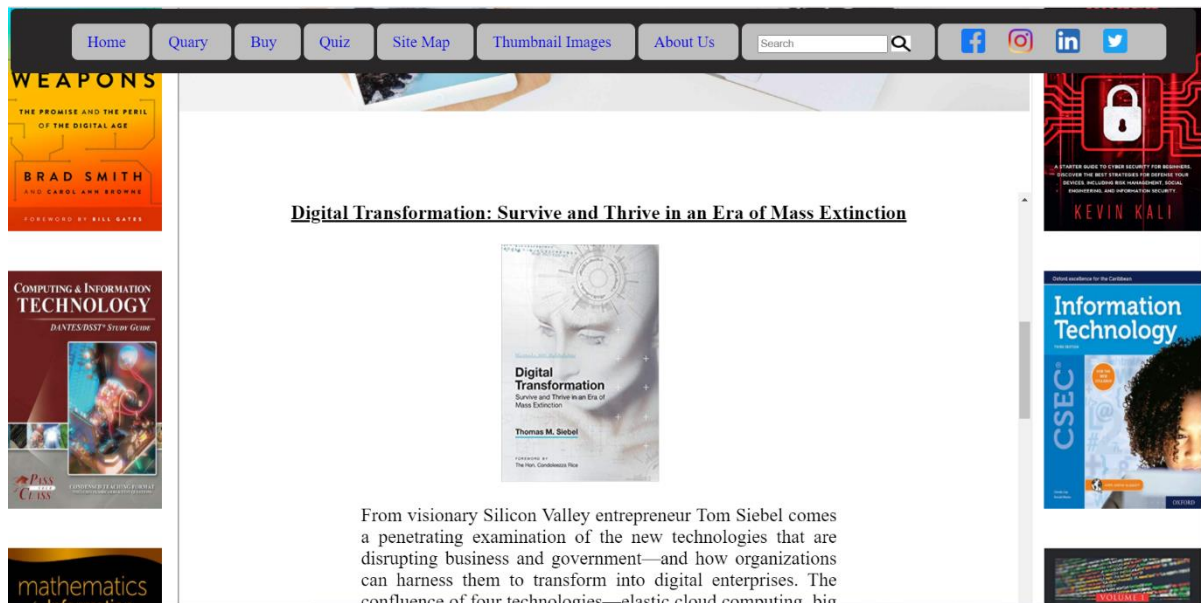


Figure 7 Main Page Iframe2

Moreover, to be interactive the page, I used the iframe using by CSS and html, I used the content in iframe as user friendly, therefore I used some products from our products from motor bricks initially when I was run the code in the browser, I realized that I have entered the code to be position the images to one side then I realized, this is totally wronged and I fixed that using html and CSS by applying the alignment as center.

I used to display iframe using CSS, but without using absolute to position the iframe, therefore I mess the iframe such as below. And also to avoid the iframe being top, I used padding for 900px. To prevent displaying the Iframe above the navigation bar and also to change the layers accordingly I used z-index-1 in CSS style.

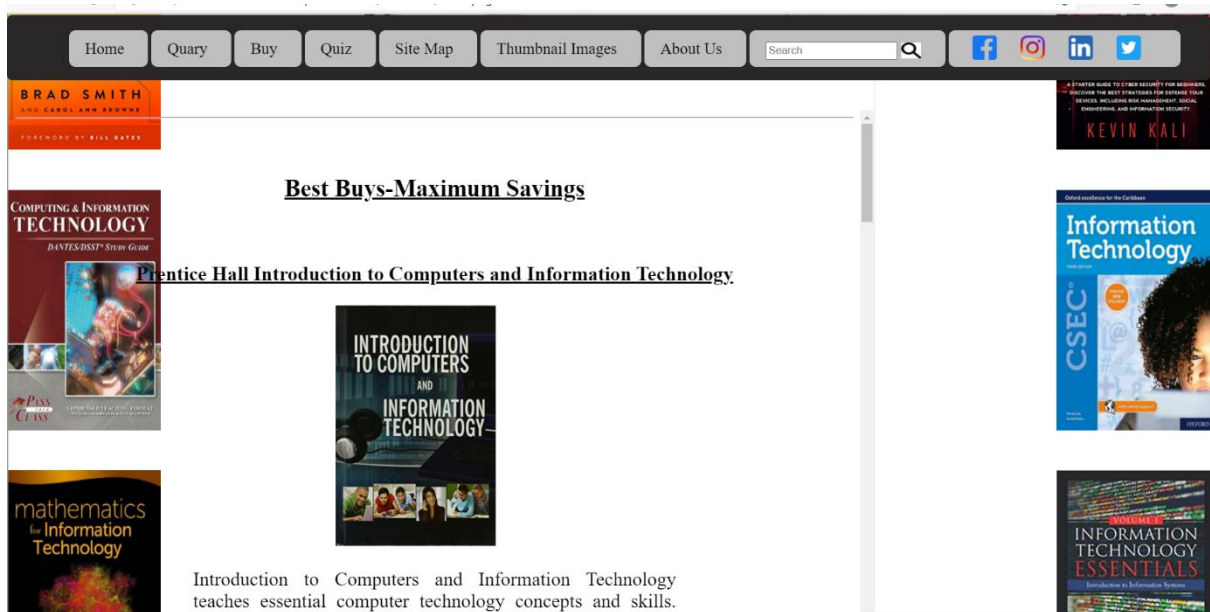


Figure 8 Main Page messedup picture of the Iframe



The number one benefit of information technology is that it empowers people to do what they want to do. It lets people be creative. It lets people be productive. It lets people learn things they didn't think they could learn before, and so in a sense it is all about potential. (Steve Ballmer)



Figure 9 Main Page Mr.Steve's valuable word

I used under the iframe Mr. Steve Ballmer's valuable words to make more useful idea.

Figure 10 Main Page Query Form

Once I done with first task which allocated to me, then I started to work on the task 2, in here I consider that using an external query form is much and more to be neat fully my convenience When I'm developing the website, I begin to encode with extremal CSS and html and linked to the main page, as well as I used a external query content html, and I linked that using <src> tag to directly link to the main page. I designed the query form using form tag in html.

```

1  var FName,Sname,Add,Mail,Sub,QDetails;
2  function validateFname(fname) {
3      if(fname.value=="") {
4          alert("Firstname must be filled out");
5      }
6  }
7  function validateQueryDetail(QueryDetail) {
8      if(QueryDetail.value=="") {
9          alert("Query Detail must be filled out");
10     }
11 }
12
13 function validateinformations(form){
14     validateFname(form.fname)
15     validateSname(form.sname)
16     validateadr(form.adr)
17     validateemail(form.mail)
18     validatesub(form.sub)
19     validateQueryDetail(form.QueryDetail)
20 }
21
22 //Sub.value-- Please select ,
23     alert("Subject must be filled out");
24 }
25
26
27 function validateQueryDetail(QueryDetail) {
28     if(QueryDetail.value=="") {
29         alert("Query Detail must be filled out");
30     }
31 }

```

Figure 11Java Script Validateinformation function

Whenever a user enters their details, is responsible to validate the required details. Then I had to validate whether the utilizer has inputted all the required details. To do that I utilize a button called View Query and set an on-click function as validateinformations and pass the form as a parameter to the function. Utilizing the designations of the form elements I checked whether the utilizer has filled in the required details and if the utilizer had inputted all the required details correctly those details will be exhibited on the showInput div right after user presses the View Query button and as well as the form details, will be stored inside the variables which I engendered.

```

43 }
44 function showInput(form) {
45     document.getElementById("display1").innerHTML = "Name: "+form.fname.value;
46     document.getElementById("display2").innerHTML = "Address: "+form.adr.value;
47     document.getElementById("display3").innerHTML = "Mail: "+form.mail.value;
48     document.getElementById("display4").innerHTML = "Subject: "+form.sub.value;
49     document.getElementById("display5").innerHTML = "Query Detail: "+form.QueryDetail.value;
50     FName=document.getElementById("fname").value;
51     Sname=document.getElementById("sname").value;
52     Add=document.getElementById("adr").value;
53     Mail=document.getElementById("mail").value;
54     Sub=document.getElementById("sub").value;
55     QDetails=document.getElementById("QueryDetail").value;
56     form.reset();
57 }
58 function validateedit(form){
59     document.getElementById("display1").innerHTML = "";
60     document.getElementById("display2").innerHTML = "";
61     document.getElementById("display3").innerHTML = "";
62     document.getElementById("display4").innerHTML = "";
63     document.getElementById("display5").innerHTML = "";
64     document.getElementById("fname").value=Fname;
65     document.getElementById("sname").value=Sname;
66     document.getElementById("adr").value=Add;
67     document.getElementById("mail").value=Mail;
68     document.getElementById("sub").value=Sub;
69     document.getElementById("QueryDetail").value=QDetails;
70 }
71

```

Figure 12 Java Script showinginput and validateedit function

Then I had to implement an edit button to make the details vanish on the showInput div and reappear form with the information filled in. What I did was I cleared the details on the showInput div utilizing their id names and utilizing the document.getElementsById.innerHTML, I put the variable values into the input fields again and sanction the utilizer to edit the form.

```

70 }
71 }
72 function validatesubmit(form){
73     document.getElementById("display1").innerHTML = "";
74     document.getElementById("display2").innerHTML = "";
75     document.getElementById("display3").innerHTML = "";
76     document.getElementById("display4").innerHTML = "";
77     document.getElementById("display5").innerHTML = "";
78     document.getElementById("fname").value=Fname;
79     document.getElementById("sname").value=Sname;
80     document.getElementById("adr").value=Add;
81     document.getElementById("mail").value=Mail;
82     document.getElementById("sub").value=Sub;
83     document.getElementById("QueryDetail").value=QDetails;
84     form.submit();
85 }
86

```

Figure 13 Java Script validatesubmit function



Next, I had to engender a button to submit the form and I utilized a button, set an on-click function validatesubmit, and sanction the utilizer to send the form to the electronic mail address, which is mention in the method of the form.



Figure 14 Main Page back to top item

At the end of the web page I used a image and <a> tag called as Back to top to go to the bottom of the page.

The above shows the technical discussion about website, the problems that arise during web page creation and how I was able to solve them.

### 3. Janet

Firstly, I would relish to mention that my tasks as well as my reposal of group members tasks are consummated stringently considering rules and regulations, and the owner of sources. To compile my website accordingly Janet policies and licit requisites I rigorously concerned about the acceptance rules and not acceptable rules, such as when I'm consummating, users to attest to standards of avail and comportment, and the used equipment ,networks and data which policy refers.Access of networks rigorously concerned, and withal virus and virus checking.

Utilization of Software such as Winscp ,putty Software, and additionally utilizing email in order to implementation and withal to compile I asked to send subpages another to their particular page to my electronic mail, then I download those file in my server and I run the code.

And additionally after the download the files, I highly consider about the virus, I downloaded those file secure without harm my computer sensitive files and others.

Ineluctably this compile done by in a secure manner and complying with janet regulations strickly.

### References

- [www.w3school.com](http://www.w3school.com)
- [www.stackoverflow.com](http://www.stackoverflow.com)
- [www.geekforgeek.com](http://www.geekforgeek.com)
- -fb icon.  
[https://www.google.com/search?q=fb+icons&tbm=isch&chips=q:fb+icons,g\\_1:circle:PQYF5Nu-jP4%3D&hl=en&sa=X&ved=2ahUKEwi-seuE8cnvAhUtsksFHQHfC-UQ4iYoA3oECAEQHg&biw=1519&bih=722](https://www.google.com/search?q=fb+icons&tbm=isch&chips=q:fb+icons,g_1:circle:PQYF5Nu-jP4%3D&hl=en&sa=X&ved=2ahUKEwi-seuE8cnvAhUtsksFHQHfC-UQ4iYoA3oECAEQHg&biw=1519&bih=722)
- -Instagram icon.

[https://www.google.com/search?q=fb+icons&tbm=isch&hl=en&chips=q:fb+icons,g\\_1:circle:PQYF5Nu-jP4%3D,online\\_chips:instagram&sa=X&ved=2ahUKEwiovLOG8cnvAhXIk0sFHaIPAhUQ4IYoBnoECAEQIQ&biw=1519&bih=722](https://www.google.com/search?q=fb+icons&tbm=isch&hl=en&chips=q:fb+icons,g_1:circle:PQYF5Nu-jP4%3D,online_chips:instagram&sa=X&ved=2ahUKEwiovLOG8cnvAhXIk0sFHaIPAhUQ4IYoBnoECAEQIQ&biw=1519&bih=722)

- -twitter icon.  
<https://www.google.com/search?q=twitter+icons&oq=tw&ags=chrome.0.69i59j0i131i433j69i57j46i131i433j0i433j0i131i433j0l2j46i433j46i131i433.1227j0j15&sourceid=chrome&ie=UTF-8>
- -LinkedIn icon.  
[https://www.google.com/search?q=linkedin+logo&source=lnms&tbm=isch&sa=X&ved=2ahUKEw41uvA8snvAhWlfn0KHQxQDhAQ\\_AUoAXoECAEQAw&biw=1536&bih=722](https://www.google.com/search?q=linkedin+logo&source=lnms&tbm=isch&sa=X&ved=2ahUKEw41uvA8snvAhWlfn0KHQxQDhAQ_AUoAXoECAEQAw&biw=1536&bih=722)
- -serch icon icon.  
<https://www.google.com/search?q=search+icon&oq=search+icon&ags=chrome..69i57j0l9.6285j0j15&sourceid=chrome&ie=UTF-8>
- -back to top icon.  
[https://www.google.com/search?q=Back+to+top+logo&source=lnms&tbm=isch&sa=X&ved=2ahUKEwjB1o2c9snvAhXC\\_XMBHVfYDzQQ\\_AUoAXoECAEQAw&biw=1536&bih=722](https://www.google.com/search?q=Back+to+top+logo&source=lnms&tbm=isch&sa=X&ved=2ahUKEwjB1o2c9snvAhXC_XMBHVfYDzQQ_AUoAXoECAEQAw&biw=1536&bih=722)
- -Images of books and details about books.  
[100 Best Information Technology Books of All Time - BookAuthority](https://www.bookauthority.com/100-best-information-technology-books-of-all-time/)
- -Description of the Information Technology(What is information Technology?).  
<https://searchdatacenter.techtarget.com/definition/IT>
- -Inspirational Tech Quote.  
<https://www.brainyquote.com/topics/information-technology-quotes>

## Appendices

### Appendix A: Code

#### 1.Main Page & Query Form

##### 1.1 mainpage.html & Queryform.html

```
<!doctype html>
<html lang="en">
<head>
```

```

<meta charset="UTF-8">
<title>Main Page</title>
<link rel="stylesheet" href="mainpage.css">
<script src="formvalidation.js"></script>
</head>
<body>
  <p id="back"><span class="b"><a href="#"></a>PJIT-SQUAD</span>
  <span class="pe">Perfect Joint Information Technology - Best for
you</span>
  <span class="c"><a href="#" class="ok">Login</a></span>
  <span><a href="#" class="ok">Sign in</a></span>
</p>
<hr>
<div class="h" ><ul id="e">
  <li><a href="#">Home</a></li>
  <li><a href="#query">Quary</a></li>
  <li><a href="#">Buy</a></li>
  <li><a href="#">Quiz</a></li>
  <li><a href="#">Site Map</a></li>
  <li><a href="#">Thumbnail Images</a></li>
  <li><a href="#">About Us</a></li>
  <li><input type="search" id="search" name="search"
placeholder="Search"></li>
  <li><a href="#"></a><a href="#"></a><a href="#"></a><a
href="#"></a></li>
</ul></div>
<hr>
<h1 class="j">What Is Information Technology?</h1>

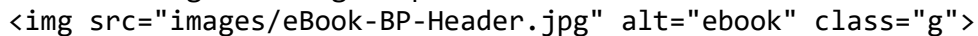



  
  
  
  
  
  
  <p class="v">Information technology (IT) is the use of any
computers, storage, networking and other physical devices, infrastructure
and processes to create, process, store, secure and exchange all forms of
electronic data. Typically, IT is used in the context of business
operations, as opposed to technology used for personal or entertainment

```

purposes. The commercial use of IT encompasses both computer technology and telecommunications.

The Harvard Business Review coined the term information technology to make a distinction between purpose-built machines designed to perform a limited scope of functions, and general-purpose computing machines that could be programmed for various tasks. As the IT industry evolved from the mid-20th century, computing capability increased, while device cost and energy consumption decreased, a cycle that continues today when new technologies emerge.





The number one benefit of information technology is that it empowers

people to do what they want to do. It lets people be creative. It lets people be productive.

It lets people learn things they didn't think they could learn before, and so in a sense it is all about potential.

(Steve Ballmer)

```
<form class="form" name="myForm"
action="mailto:pragathi.20200351@iit.ac.lk" method="post"
enctype="text/plain" >
  <div class="qf"> <h1 class="qf2" id="query" > Query Form </h1></div>
  <br>
  <fieldset>
    <label for="fname" class="z5">Name:</label>
    <input type="text" name="Name" id="fname" size="59"
placeholder="Enter your first name" autofocus >
    <input type="text" name="Sirname" id="sname" size="59"
placeholder="Enter your surname" ><br><br>
    <label for="adr" class="z5">Address:</label>
    <input type="text" name="Address" id="adr" size="124"
placeholder="Enter your address" ><br><br>
    <label for="mail" class="z4">Email:</label>
    <input type="email" name="Email" id="mail" size="51"
placeholder="Email" ><br><br>
    <label for="sub" class="z5">Subjects</label>
    <select name="Subject" id="sub" >
      <option value="Please select">Please select</option>
      <option value="community">Community</option>
      <option value="delivery">Delivery</option>
      <option value="Question">Question</option>
      <option value="Help">Help</option>
      <option value="other">Other</option>
    </select>
    <br><br>
    <label for="QueryDetail" >Query Detail:</label>
    <textarea name="Querydetails" id="QueryDetail" rows="10"
cols="138" ></textarea>
    <div ><input type="button" name="rst" value="Edit"
class="clear" onclick="validateedit(this.form)">
    <input type="button" name="ViewQuery" value="ViewQuery"
onclick="validateinformations(this.form); showInput(this.form);"
class="clear" >
```

```

        <span class="submit"><input type="button" name="sbt"
value="Submit" class="clear" onclick="validatesubmit(this.form);">
    </span></div>
</fieldset>
    <div class="displayoutput">
        <div class="informationtrue">Make sure your
information is true..</div>
        <div id="display1" class="displayinfo">
        </div>
        <div id="display2" class="displayinfo">
        </div>
        <div id="display3" class="displayinfo">
        </div>
        <div id="display4" class="displayinfo">
        </div>
        <div id="display5" class="displayinfo">
        </div>
    </div>
</form>
    <div class="cookies"><p>We use cookies to give you to give you the
best experience possible on our website and to better understand how users
interact with our content.
    <a href="#" class="ok">Ok</a>
    <a href="#" class="learn">Learn More</a></p>
    <a href="#back">Back To Top</a>
</div>
<hr>
<div class="all">.PJIT-SQUAD.All rights reserved...<br><br>
<a href="editor.html" class="editor">Editor</a>
</div>
<br>
<hr>
<hr>
</body>
</html>

```

## Iframe

\*\*\* This iframe is a separate html page. This is linked to the main page.\*\*\*

```

<!doctype html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Iframe</title>
    <style>
        .a{
            width: 200px;
            height: 300px;
            padding-left:400px;
            padding-right:220px;
        }
    </style>

```

```
.a1{
    position:absolute;
    left:230px;
    right:230px;
    font-size:24px;
    text-align:justify;
}
.b{
    text-align:center;
    font-size:25px;
    text-decoration:underline;
    padding-top:50px;
}
.a3{
    text-align:center;
    font-size:30px;
    text-decoration:underline;
    padding-top:50px;
}
.b1{
    text-align:center;
    padding-top:220px;
    font-size:25px;
    text-decoration:underline;
}
.c1{
    text-align:center;
    padding-top:240px;
    font-size:25px;
    text-decoration:underline;
}
.d1{
    text-align:center;
    padding-top:210px;
    font-size:25px;
    text-decoration:underline;
}
.e1{
    text-align:center;
    padding-top:240px;
    font-size:25px;
    text-decoration:underline;
}
</style>
</head>
<body>
    <hr>
    <h1 class="a3">Best Buys-Maximum Savings</h1>
    <h3 class="b">Prentice Hall Introduction to Computers and
Information Technology</h3>
    
    <p class="a1">Introduction to Computers and Information Technology
teaches essential computer technology concepts and skills. This text helps
```



students build a concrete understanding of how computers work and how various types of computing devices and accessories are used in school, work, and at home. The book consists of three principle sections: Computing Fundamentals Applications Communications and Networks.</p>

<h3 class="b1">Digital Transformation: Survive and Thrive in an Era of Mass Extinction</h3>



<p class="a1">From visionary Silicon Valley entrepreneur Tom Siebel comes a penetrating examination of the new technologies that are disrupting business and government—and how organizations can harness them to transform into digital enterprises. The confluence of four technologies—elastic cloud computing, big data, artificial intelligence, and the internet of things —writes Siebel, is fundamentally changing how business and government will operate in the 21st century.</p>

<h3 class="c1">Information Technology Law 8th Edition</h3>



<p class="a1">Do you download music or shop online?Who regulates large companies such as Google and Facebook?How safe is your personal data on the internet?Information technology affects all aspects of modern life. From the information shared on websites such as Facebook, Twitter, and Instagram to online shopping and mobile devices, it is rare that a person is not touched by some form of IT every day.</p>

<h3 class="d1">Computing and Information Technology DANTES / DSST Test Study Guide</h3>



<p class="a1">Our DANTES study guides are different! The Computing and Information Technology DANTES/DSST study guide TEACHES you everything that you need to know to pass the DSST test. This is a replacement for the Introduction to Computing Test which was renamed as Computing and Information Technology. This study guide is more than just pages of sample test questions. Our easy to understand study guide will TEACH you the information.</p>

<h3 class="e1">How To Create A Great Information Technology Vision</h3>



<p class="a1">This book is written for the Information Technologist who wants to enter and progress through the IT management and leadership ranks.It is also very helpful to the junior information technology manager who wants to become an information technology executive. It is not written for the senior IT executive who should already know everything that is in this book.Strategic Information Technology Leadership Vision is that rarest of management commodities.Those IT managers and leaders who have it and exercise it effectively are destined to lead their enterprises to greatness.</p>

</body>

</html>

## 1.2 mainpage.css & Queryform.css

```
.b{
    font-size:50px;
    font-family:"Lucida Console", "Courier New", monospace;
```

```
        color:#6699ff;
    }
    .pe{
        padding-left:360px;
        font-size:24px;
    }
    .c{
        padding-left:40px;
        padding-right:10px;
    }
    #e li{
        display:inline;
        list-style-type:none;
        padding-left:20px;
        padding-right:30px;
        padding-bottom:12px;
        padding-top:12px;
        font-size:20px;

        background-color:#bfbfbf;
        border-radius:8px;
    }
    .social{
        padding-left:10px;
        padding-right:20px;

        height:30px;
        width:30px;
        position:relative;
        top:7px;
    }
    a:link {

        text-decoration:none;
    }
    a:visited {
        color: black;
        text-decoration:none;
    }
    a:hover {
        color:#ffffff;
    }
    a:active {
        color: #6699ff;
    }
    .h{
        position:sticky;
        top:0;
        background-color:#292828;
        padding-bottom:10px;
        padding-top:3px;
        text-align:center;
        border-radius:7px;
        z-index:2;
    }
```

```
        width:100%;
    }
    .j{
        text-align:center;
        padding-top:20px;
    }
    .v{
        position:absolute;
        left:220px;
        right:220px;
        font-size:24px;
        text-align:justify;
        z-index:-1;
    }
    .l{
        position:absolute;
        left:220px;
        right:220px;
        width:1080px;
        height:650px;
        padding-top:900px;
        z-index:1;
    }
    .g{
        position:absolute;
        left:220px;
        right:220px;
        height:500px;
        width:1080px;
        padding-top:300px;
        z-index:-1;
    }
    .absolute {
        position: absolute;
        top: 300px;
        left: 0;
        width: 200px;
        height: 300px;
        z-index:-1;
    }
    .absolute1 {
        position: absolute;
        top: 300px;
        right: 0;
        width: 200px;
        height: 300px;
        z-index:-1;
    }
    .absolute2 {
        position: absolute;
        top: 300px;
        left:0;
        width: 200px;
        height: 300px;
```

```
        padding-top:350px;
        z-index:-1;
    }
    .absolute3 {
        position: absolute;
        top: 300px;
        right: 0;
        left:0;
        width: 200px;
        height: 300px;
        padding-top:350px;
        padding-left:1318px;
        z-index:-1;
    }
    .absolute4 {
        position: absolute;
        top: 300px;
        left:0;
        width: 200px;
        height: 300px;
        padding-top:700px;
        z-index:-1;
    }
    .absolute5 {
        position: absolute;
        top: 300px;
        right: 0;
        left:0;
        width: 200px;
        height: 300px;
        padding-top:700px;
        padding-left:1318px;
        z-index:-1;
    }
    .absolute6 {
        position: absolute;
        top: 300px;
        left:0;
        width: 200px;
        height: 300px;
        padding-top:1050px;
        z-index:-1;
    }
    .absolute7 {
        position: absolute;
        top: 300px;
        right: 0;
        left:0;
        width: 200px;
        height: 300px;
        padding-top:1050px;
        padding-left:1318px;
        z-index:-1;
    }
}
```

```
.absolute8 {
    position: absolute;
    top: 300px;
    left:0;
    width: 200px;
    height: 300px;
    padding-top:1400px;
    z-index:-1;
}
.absolute9 {
    position: absolute;
    top: 300px;
    right: 0;
    left:0;
    width: 200px;
    height: 300px;
    padding-top:1400px;
    padding-left:1318px;
    z-index:-1;
}
.absolute10 {
    position: absolute;
    top: 300px;
    left:0;
    width: 200px;
    height: 300px;
    padding-top:1750px;
    z-index:-1;
}
.absolute11 {
    position: absolute;
    top: 300px;
    right: 0;
    left:0;
    width: 200px;
    height: 300px;
    padding-top:1750px;
    padding-left:1318px;
    z-index:-1;
}
.q{
    padding-top:1570px;
    text-align:justify;
    font-size:20px;
    padding-left:220px;
    padding-right:220px;
}
.form{
    padding-left:220px;
    background-color:#ccc;
}
fieldset{
    padding-top:20px;
    background-color:#ccc;
```

```
        width:70%;
    }
    label{
        font-weight:bold;
        vertical-align:middle;
    }
    .z2{
        padding-left:20px;
        padding-right:20px;
    }
    .z3{padding-left:10px;}
    .z4{padding-left:2px;padding-right:128px;}
    .z5{
        width:180px;
        float:left;
    }
    input[type=submit],input[type=reset],input[type=button] {
        width: 10em;
        height: 3em;
        font-size:14px;
        font-weight:bold;
    }
    .qf{
        background-color:#6699ff;
        width:1055px;
        height:80px;
        text-align:center;
        background-color:#000000;
    }
    .qf2{
        padding-top:15px;
        font-size:45px;
        color:white;
    }
    .ok{
        border:2px solid black;
        padding-top:8px;
        padding-bottom:8px;
        padding-left:12px;
        padding-right:12px;
        background-color:#ccc;
        font-size:14px;
    }
    .learn{
        border:2px solid black;
        padding-top:8px;
        padding-bottom:8px;
        padding-left:12px;
        padding-right:12px;
        background-color:#ccc;
        font-size:14px;
    }
    .cookies{
```



```
        text-align:center;
        font-size:20px;
    }
    .all{
        text-align:center;
        font-size:15px;
    }
    .displayoutput{
        height:250px;
        width:1040px;
        background-color:#ffffff;
        border:3px solid black;
    }
    .editor{
        border:2px solid black;
        padding-top:8px;
        padding-bottom:8px;
        padding-left:12px;
        padding-right:12px;
        background-color:#ccc;
    }
    .back{
        height:40px;
        width:40px;
    }
    .logo{
        height:100px;
        width:100px;
        border:2px solid black;
    }
    .search{
        height:20px;
        width:25px;
        padding-left:5px;
        position:relative;
        top:6px;
    }
    .clear{
        background-color:#ccc;
    }
    .submit{
        float:right;
    }
    .informationtrue{
        text-align:center;
        font-size:20px;
        text-decoration:underline;
        padding-bottom:30px;
    }
    .displayinfo{
```

```
        text-align:left;
        font-size:17px;
        padding-left:430px;
        padding-bottom:3px;
    }
```

## 2.Editor

### 2.1 editor.html

```
<!doctype html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Main Page</title>
    <link rel="stylesheet" href="editor.css">
</head>
<body>
    <div class="frame">
        
        <p class="details">Name : U.A.Pragathi Sithmini</p>
        <p class="details">UoW id : W1810216</p>
        <p class="details">IIT id : 20200351</p>
        <p class="details">Task : Main Page, Navigation Bar & Query
Form</p>
    </div>
</body>
```

### 2.2editor.css

```
body{
    background-color:black;
}
.frame{
    height:500px;
    width:500px;
    background-color:#ccc;
    text-align:center;
    margin:auto;
    position:relative;
    top:90px;
```

```
}  
.img{  
    padding-top:35px;  
    height:250px;  
    width:330px;  
    text-align:center;  
}  
.details{  
    font-size:20px;  
}
```

#### 4. formvalidation.js (Java Script for form)

```
var Fname,Sname,Add,Mail,Sub,QDetails;  
function validateFname(fname) {  
    if(fname.value==""){  
        alert("Firstname must be filled out");  
    }  
}  
function validateSname(sname) {  
    if(sname.value==""){  
        alert("Surname must be filled out");  
    }  
}  
function validateadr(adr) {  
    if(adr.value==""){  
        alert("Address must be filled out");  
    }  
}  
function validatemail(mail) {  
    if(mail.value==""){  
        alert("Email must be filled out");  
    }  
}  
function validatesub(sub) {  
    if(sub.value=="Please select"){  
        alert("Subject must be filled out");  
    }  
}  
function validateQueryDetail(QueryDetail) {  
    if(QueryDetail.value==""){  
        alert("Query Detail must be filled out");  
    }  
}  
  
function validateinformations(form){  
    validateFname(form.fname)  
    validateSname(form.sname)  
    validateadr(form.adr)
```

```
        validatemail(form.mail)
        validatesub(form.sub)
        validateQueryDetail(form.QueryDetail)
    }
    function showInput(form) {
        document.getElementById("display1").innerHTML
="Name:" + form.fname.value;
        document.getElementById("display2").innerHTML
="Address:" + form.adr.value;
        document.getElementById("display3").innerHTML ="Mail:
"+form.mail.value;
        document.getElementById("display4").innerHTML ="Subject:
"+form.sub.value;
        document.getElementById("display5").innerHTML ="Query
Detail: " + form.QueryDetail.value;
        Fname=document.getElementById("fname").value;
        Sname=document.getElementById("sname").value;
        Add=document.getElementById("adr").value;
        Mail=document.getElementById("mail").value;
        Sub=document.getElementById("sub").value;
        QDetails=document.getElementById("QueryDetail").value;
        form.reset();
    }
    function validateedit(form){
        document.getElementById("display1").innerHTML ="";
        document.getElementById("display2").innerHTML ="";
        document.getElementById("display3").innerHTML ="";
        document.getElementById("display4").innerHTML ="";
        document.getElementById("display5").innerHTML ="";
        document.getElementById("fname").value=Fname;
        document.getElementById("sname").value=Sname;
        document.getElementById("adr").value=Add;
        document.getElementById("mail").value=Mail;
        document.getElementById("sub").value=Sub;
        document.getElementById("QueryDetail").value=QDetails;
    }
    function validatesubmit(form){
        document.getElementById("display1").innerHTML ="";
        document.getElementById("display2").innerHTML ="";
        document.getElementById("display3").innerHTML ="";
        document.getElementById("display4").innerHTML ="";
        document.getElementById("display5").innerHTML ="";
        document.getElementById("fname").value=Fname;
        document.getElementById("sname").value=Sname;
        document.getElementById("adr").value=Add;
        document.getElementById("mail").value=Mail;
        document.getElementById("sub").value=Sub;
        document.getElementById("QueryDetail").value=QDetails;
        form.submit();
    }
}
```

## Appendix B: Screenshots

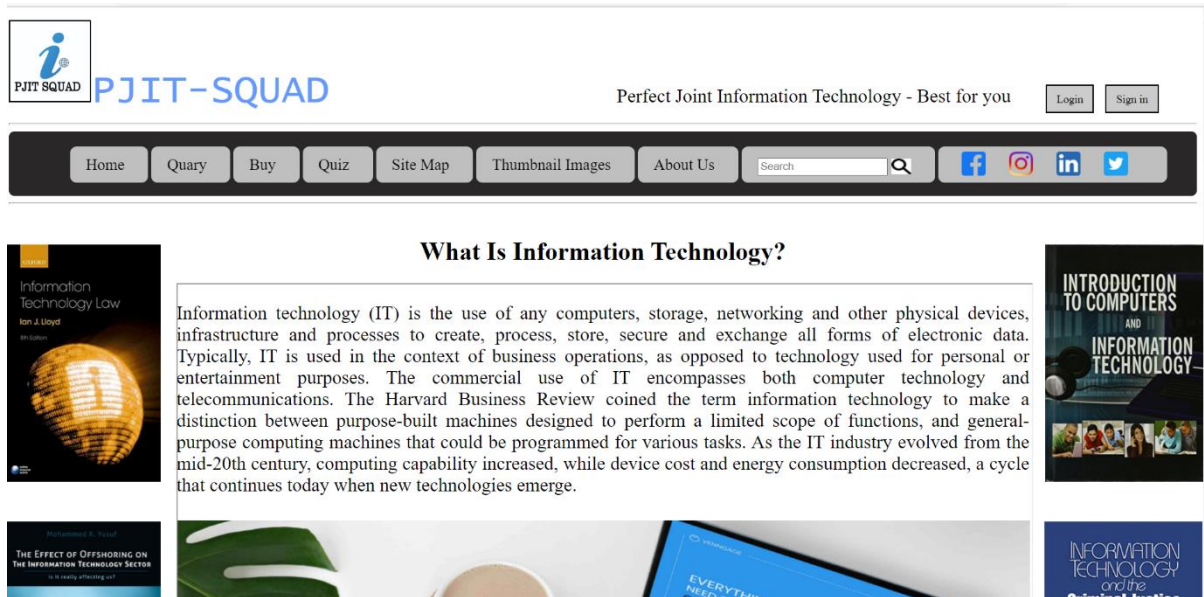


Figure 15 Main Page Screenshot1

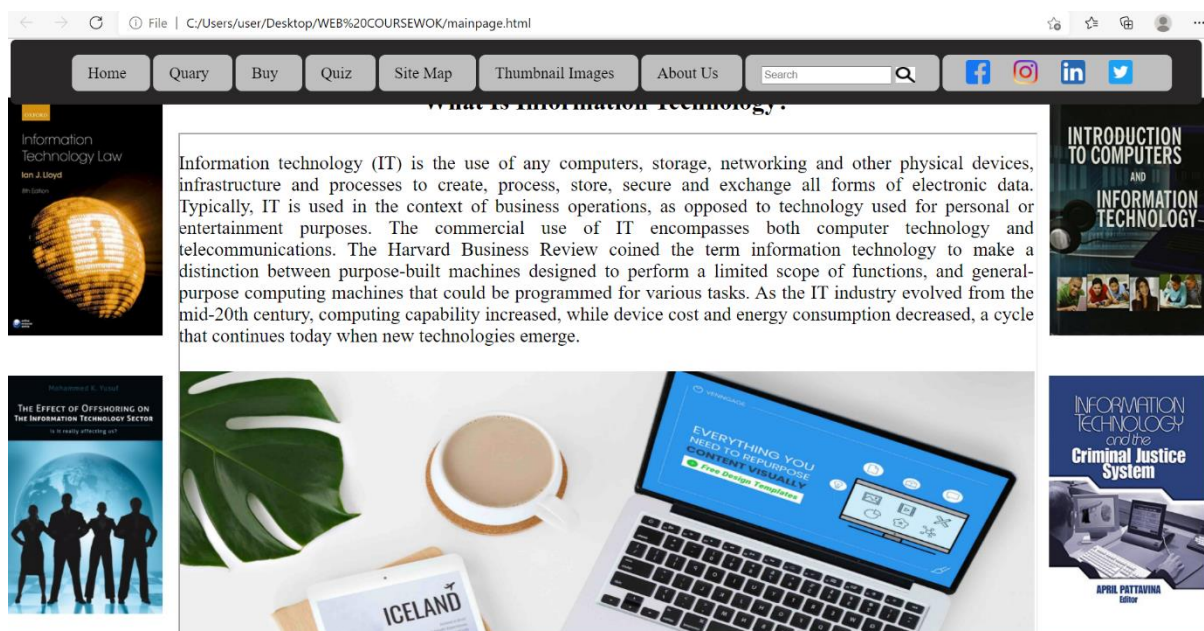


Figure 16 Main Page screenshot2

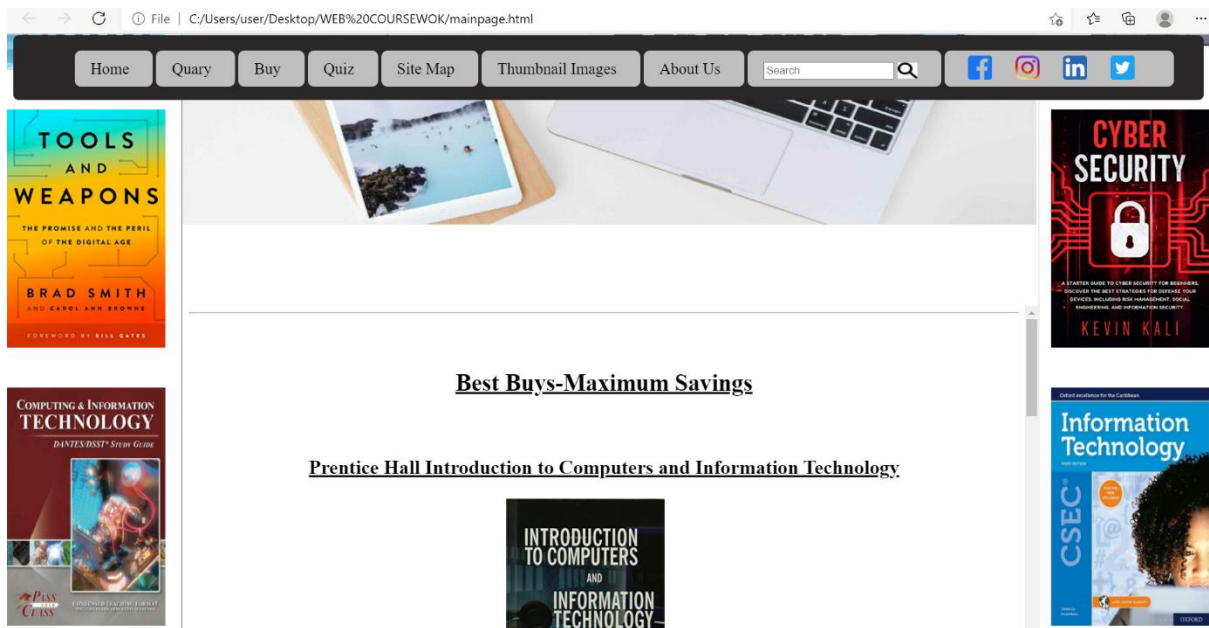


Figure 17Main Page screenshot3

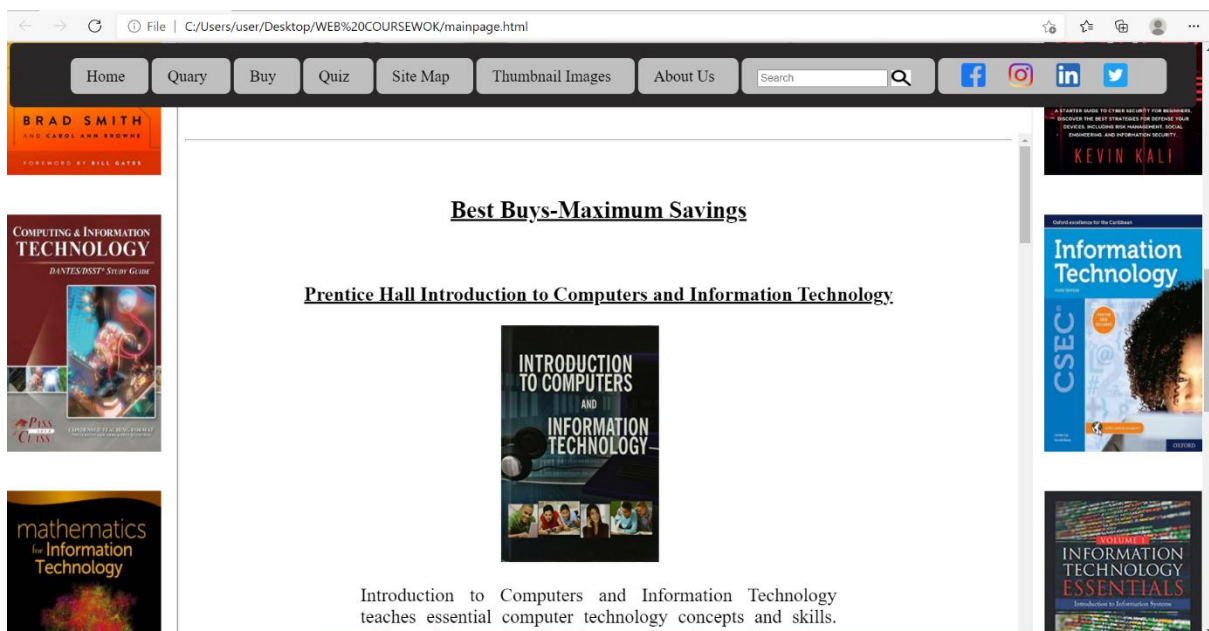


Figure 18Main Page screenshot4



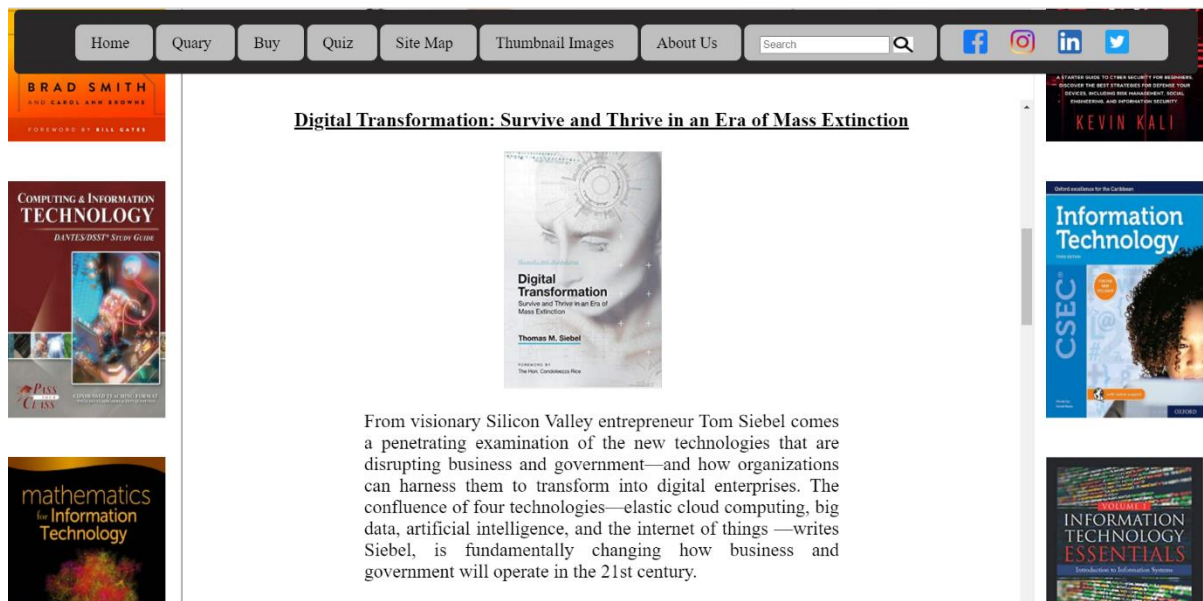


Figure 19 Main Page screenshot5

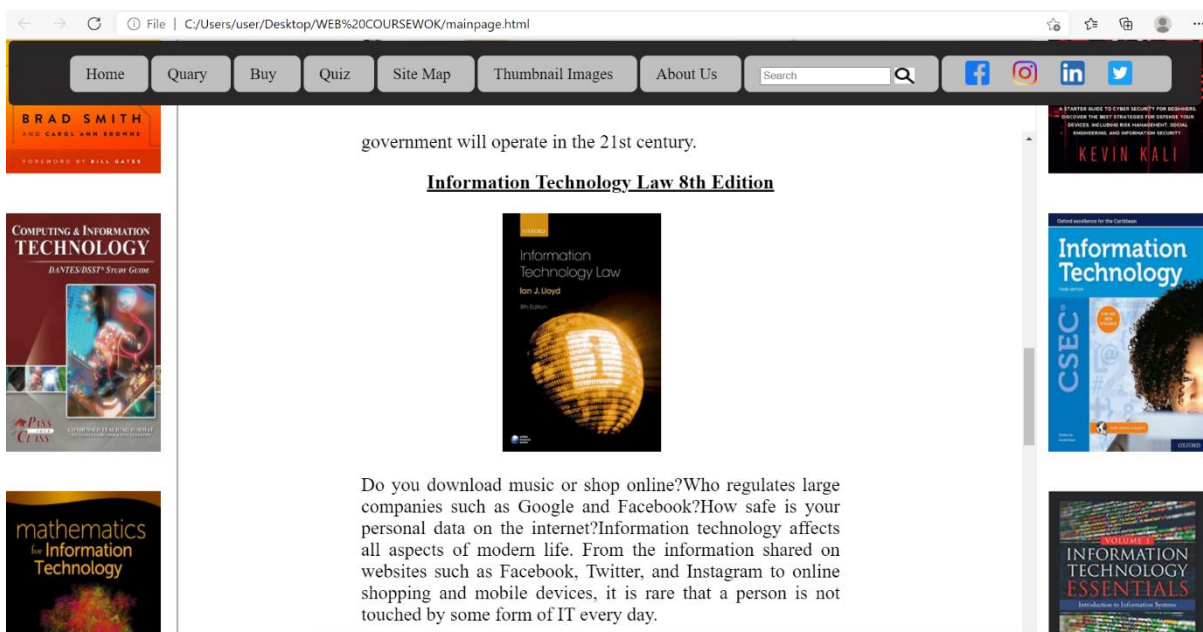


Figure 20 Main Page screenshot6

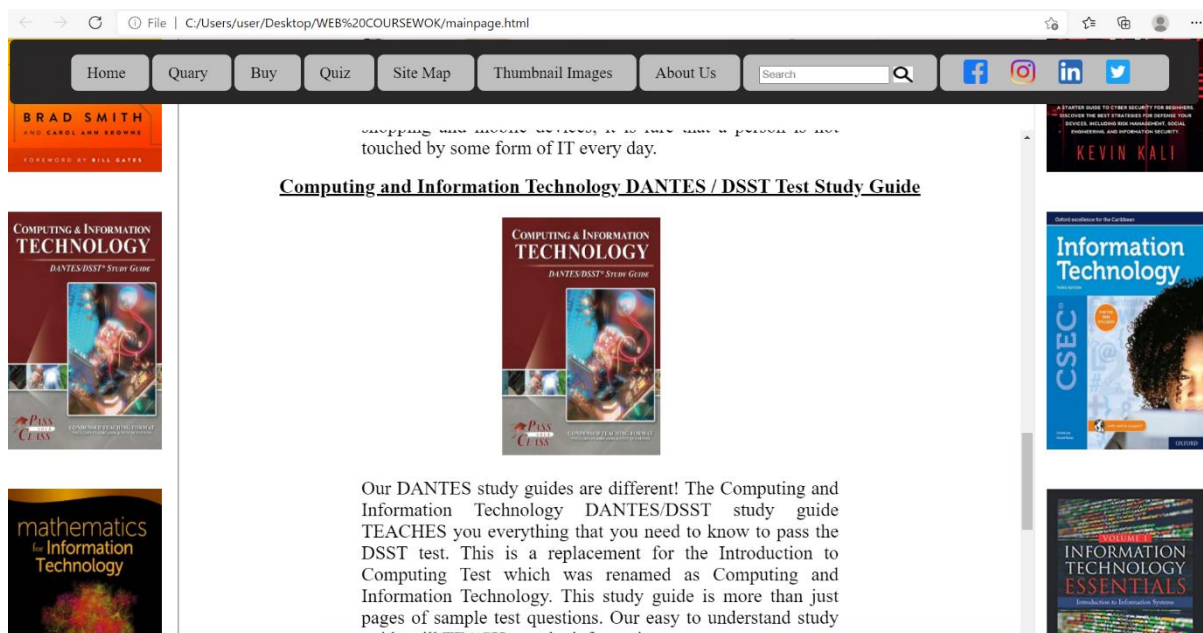


Figure 21 Main Page screenshot7

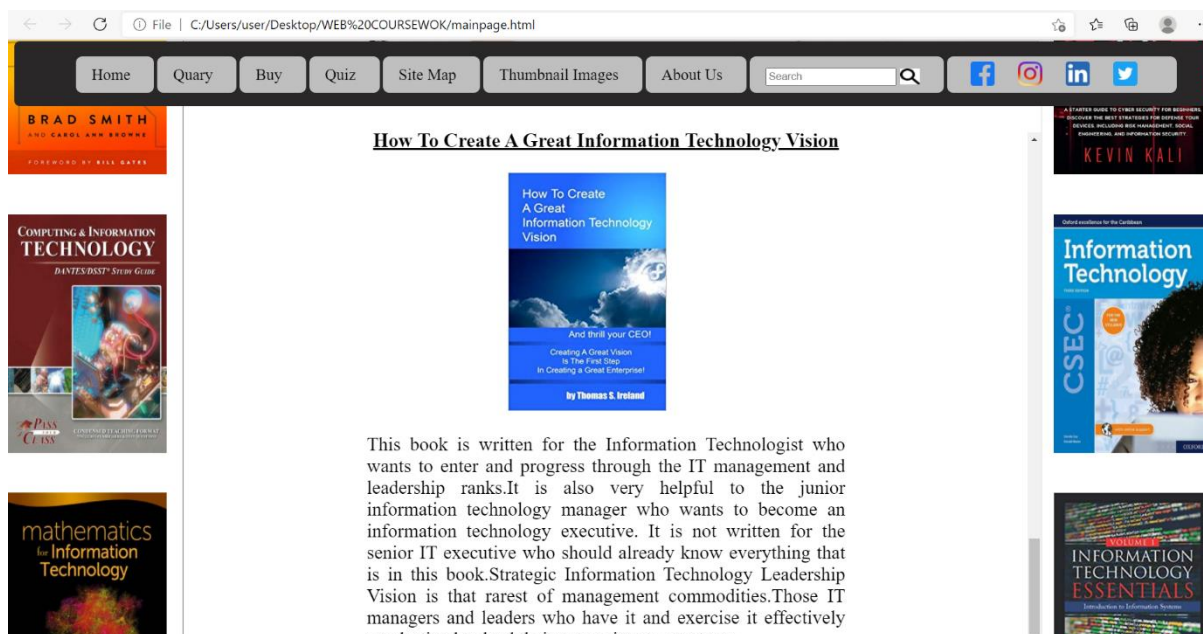
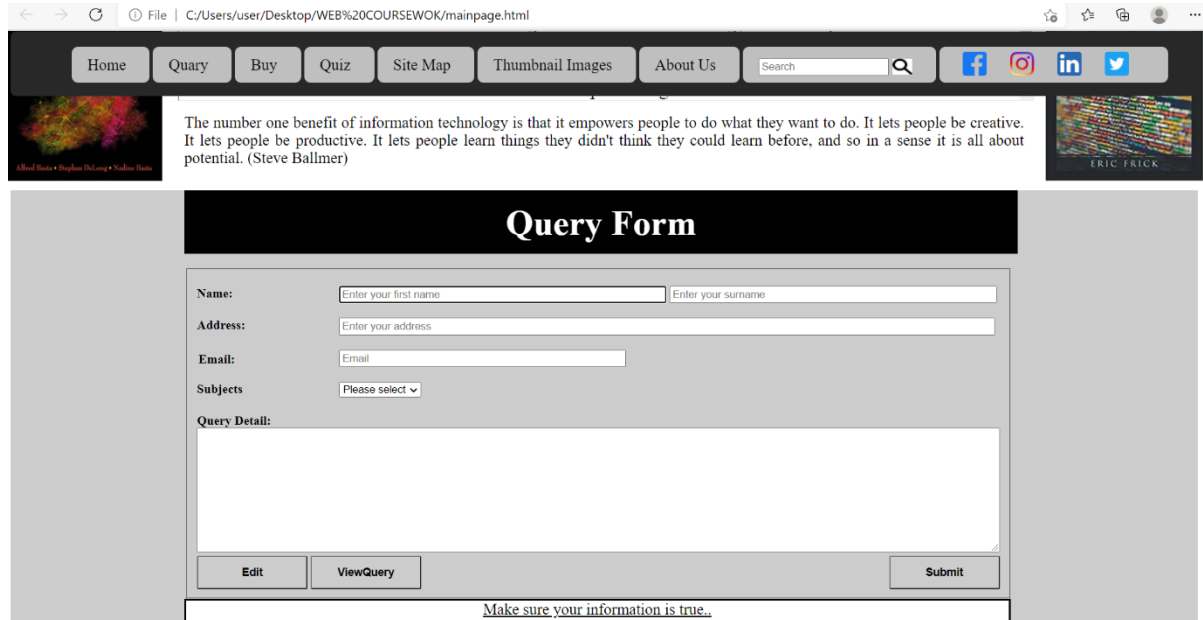
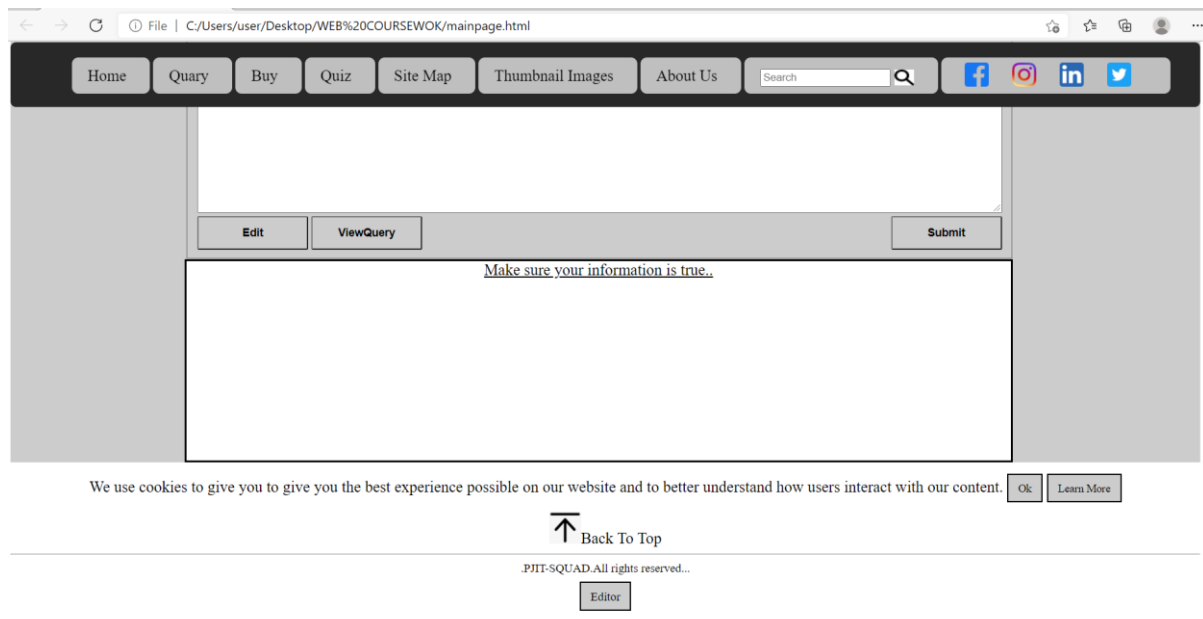


Figure 22 Main Page screenshot8



The screenshot shows a web browser window with the address bar displaying "C:/Users/user/Desktop/WEB%20COURSEWOK/mainpage.html". The website has a navigation bar with links: Home, Query, Buy, Quiz, Site Map, Thumbnail Images, About Us, and a search bar. Social media icons for Facebook, Instagram, LinkedIn, and Twitter are also present. Below the navigation bar, there are two small images: one on the left with text "Blood Bats • Stephen Delany • Nathan Bates" and one on the right with text "ERIC FRICK". A quote by Steve Ballmer is displayed: "The number one benefit of information technology is that it empowers people to do what they want to do. It lets people be creative. It lets people be productive. It lets people learn things they didn't think they could learn before, and so in a sense it is all about potential. (Steve Ballmer)". The main content area features a "Query Form" with the following fields: Name (first and last name), Address, Email, and Subjects (a dropdown menu). Below these fields is a "Query Detail" text area. At the bottom of the form are buttons for "Edit", "ViewQuery", and "Submit". A note at the bottom of the form says "Make sure your information is true..".

Figure 23Main Page screenshot9



This screenshot shows the same website as Figure 23, but with the "Query Form" area expanded. The "Query Detail" text area is now visible, and the "Edit", "ViewQuery", and "Submit" buttons are at the bottom of the form. The note "Make sure your information is true.." is still present. Below the form, there is a cookie notice: "We use cookies to give you the best experience possible on our website and to better understand how users interact with our content." with "Ok" and "Learn More" buttons. At the bottom of the page, there is a "Back To Top" button with an upward arrow, a copyright notice "PJIT-SQUAD. All rights reserved...", and an "Editor" button.

Figure 24Main Page screenshot10

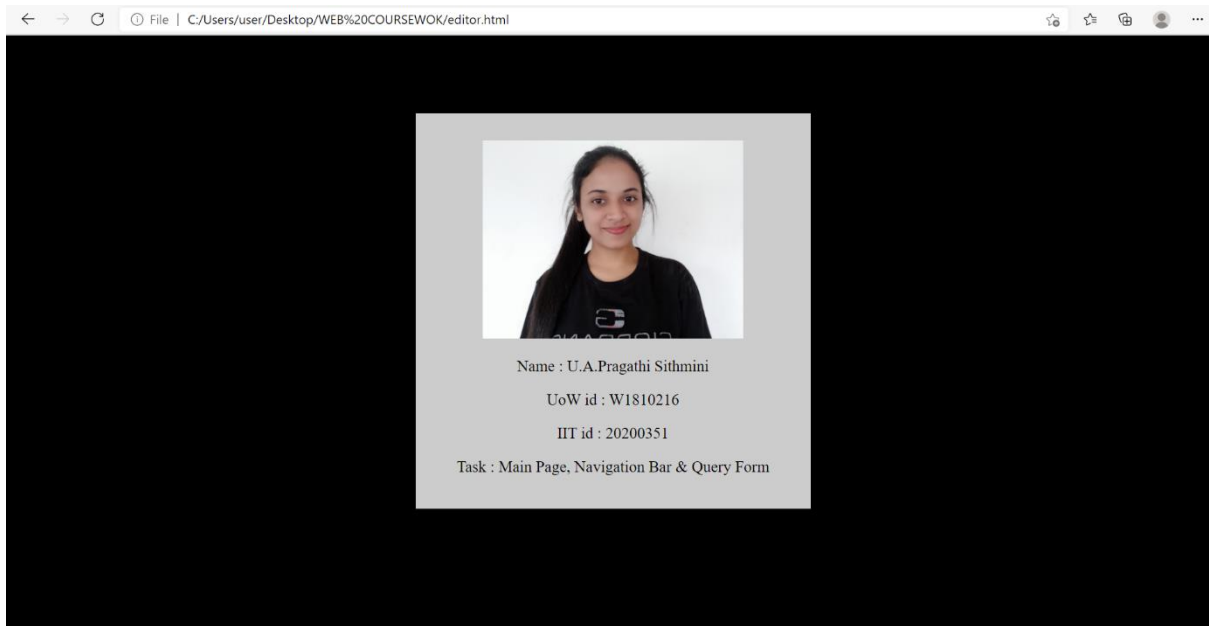


Figure 25 Page editor

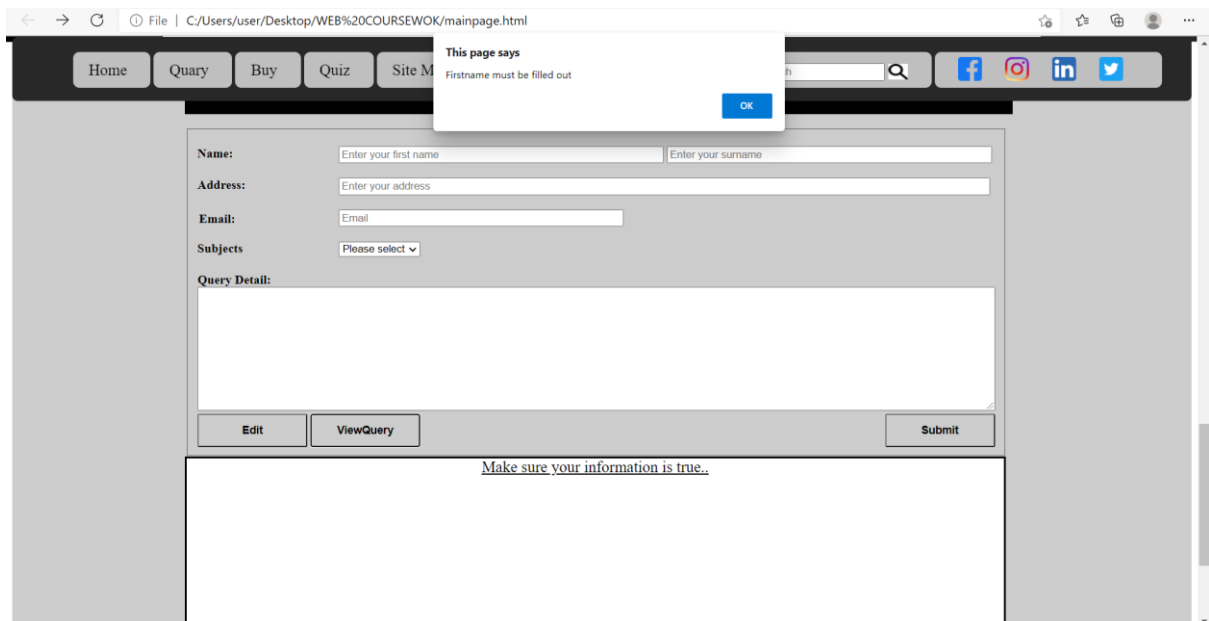


Figure 26 Main Page(Query form)screenshot11

← → ↻ File | C:/Users/user/Desktop/WEB%20COURSEWOK/mainpage.html#query

Home Query Buy Quiz Site Map Thumbnail Images About Us Search

**Query Form**

Name:

Address:

Email:

Subjects:

Query Detail:  
How much to send to the Matara.

Edit ViewQuery Submit

Make sure your information is true..

Figure 27 Main Page (Query form)screenshot12

← → ↻ File | C:/Users/user/Desktop/w1810216(Student-2)/mainpage.html

Home Query Buy Quiz Site Map Thumbnail Images About Us Search

Name:

Address:

Email:

Subjects:

Query Detail:

Edit ViewQuery Submit

Make sure your information is true..

Name:Pragathi  
Address:Indureliyanagewaththa,Pahala Vitiyala,Thihagoda,Matara.  
Mail: pragathi.20200351@iit.ac.lk  
Subject: delivery  
Query Detail: How much to send to the Matara.

Figure 28Main Page(Query form-Display details)screenshot12

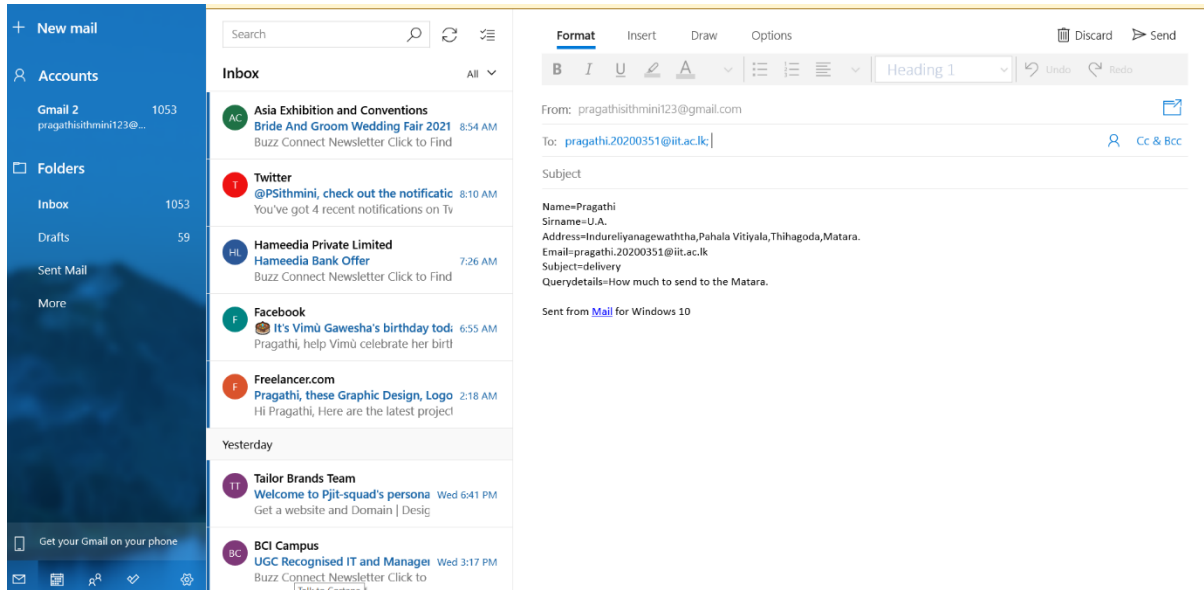


Figure 29 Mail Page



## Appendix C: Individual Statement

Student Name:	U.A.Pragathi Sithmini	Student Id:	W1810216
State what tasks you carried out in the project.			
Main Page & External CSS Query Form Page Editor Page Uploading the File in Server			
State what you enjoyed and did not enjoy about teamwork.			
This is a great opportunity to enhanced our cognizance as well as been humble to apportion our erudition with others and collaborating as a team to perform our entire website prosperously while consummating our individual tasks. I felt apathy doing everything via online some explications not much clear to me sharing our conceptions is not much enough without implement, to implementation online platform is not much interactive.			
State what you learnt about teamwork.			
I learned that every person have strength and weakness as well as skills and critical thoughts ,therefore working as team enhance our skills and knowledge and everyone helping each other with their skill. And also know the power of teamworking and how easy to achieve our goal when we are working as a team.			
State what skills you gained/learnt from undertaking the project.			
Teamworking. Listening to others views. Dedicating. Communication with each others. Completing task in a particular time			
State any strengths about yourself that emerged whilst undertaking the project.			
Html knowledge and also Css styling.			
State any weaknesses about yourself that emerged whilst undertaking the project.			
Lack of knowledge about Java Script			
State how you would do things better if you were to undertake the project again.			
Ability to complete a project in a short period of time with a good knowledge of java script.			
Additional general or project specific comments:			

If we do these projects like this regularly we will be able to get best knowledge about Html, CSS and also Java script.

Student  
Signature:

Pragathi

Date:

24/03/2021