



## Introduction to information systems

### 60% Group Coursework

2023/24 Autumn

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*I confirm that I understand my coursework needs to be submitted online via MySecondTeacher under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a marks of zero will be awarded.*

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## 1. Introduction

**Web development** refers to the overall process of creating websites or web applications, that includes the project's design, layout, coding, and functionality. Website development can range from developing a simple to complex web applications. We have recently prepared the website **Proprinter**. It is a printing system software which is the commercial product for the normal user to get the quality printing services. This documentation provides the requirement and design specification so that developer can get clear idea of the printer (Decker, 2024).

### 1.1 Goals

We carry various goals through our website. Some of them are:

- To provide quality product.
- To provide good services.
- To provide genuine services.
- To meet the customers satisfaction.
- To provide flexibility and speed in the work to our customers.

### 1.2 Objectives

- It accepts text and graphic output from a computer and transfers the information to paper.
- It prints high quality color printing resources.
- It presents text or images to paper in various sizes.
- It is cost effective for small runs.
- It is eco-friendly printing resource.

### 1.3 HTML, CSS and JS were used for developing website

#### 1. HTML (Hyper Text Markup Language):

HTML is the language to write a website. It is used to create pages and make them functional. Hypertext means that the document contains links that allow the reader to jump to other places in the document or to another document altogether. The latest version is known as HTML5. A Markup Language is a way that computers speak to each other to control how text is processed and presented. To do this HTML uses two things: tags and attributes (Moraes, 2023).



*Figure 1*

## 2. Cascading Style Sheets (CSS):

**CSS** is a style sheet or presentational language that is used to layout, format, and style documents that are written in HTML to make them attractive or beautiful. It is generally used in HTML to change the style of web pages and user interfaces. We can use CSS to change the colour, backgrounds, borders, paddings, margins, fonts, icons, position and various other properties of HTML elements in a web document (Siddiqui, 2024).



*Figure 2*



### 3. JavaScript:

**JavaScript** is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross-platform. It helps you developing great front-end as well as back-end software using different Java script-based frameworks (Siddiqui, 2024).



*Figure 3*

## 2. Discussion and Analysis

- **Selected Text Editor**



Figure 4: Ms Word (Sergey, 2019)

- Microsoft word is a well known text editor among many users due to it's easy to learn and use mechanism with extra features other text editors don't provide. It was founded in October 25,1983 by company named Microsoft. It is also known as WinWord, MS word, and Word. This text editor can be used in 92 languages (Sergey, 2019)

- **Tools we used**



Figure 5:: Balsamiq *Invalid source specified.*

- Balsamiq is a software that our team used to create and edit wireframes. This software is free for any kind of users mostly students. You can create sketch of websites with convenient tools that comes with this software in a few minutesInvalid source specified..

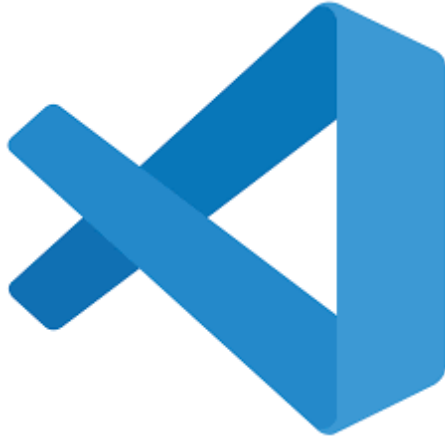


Figure 6: VS code *Invalid source specified.*

- Visual Studio Code is a code editor for html, css and js to make a website by using the right tags and rules.
- This software was released in 2015. Due to it's free access and stability in code editing, it is used by most of website designer**Invalid source specified..**

- **Name of Page**

Brief introduction about our printer website is given in home page with some beautiful styling. Various printers are put on sale in products page with prices and review button. Short details are given about technology and it's impacts on daily life and printing business with sweet conclusion in blog page. Comparison of websites that are referenced and made is done in research page. Some information about team members with pictures and feedback form are put in detailed manner in about us page.

- **Wireframes**

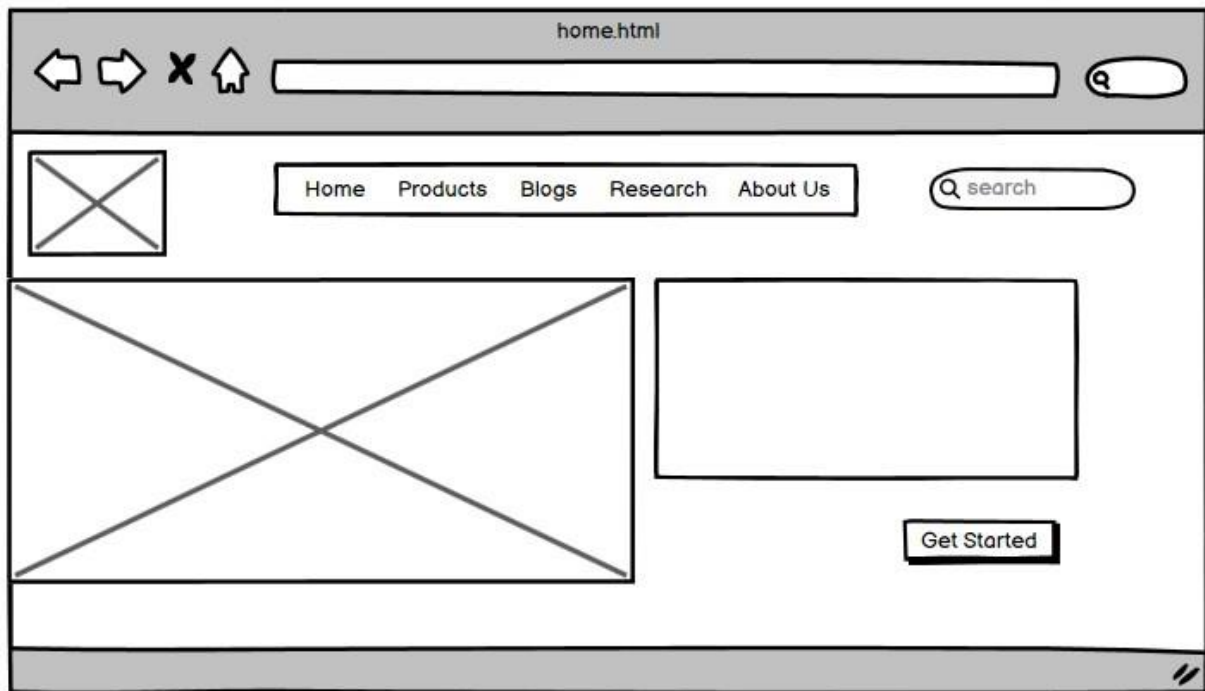


Figure 4: Wireframe of Home Page

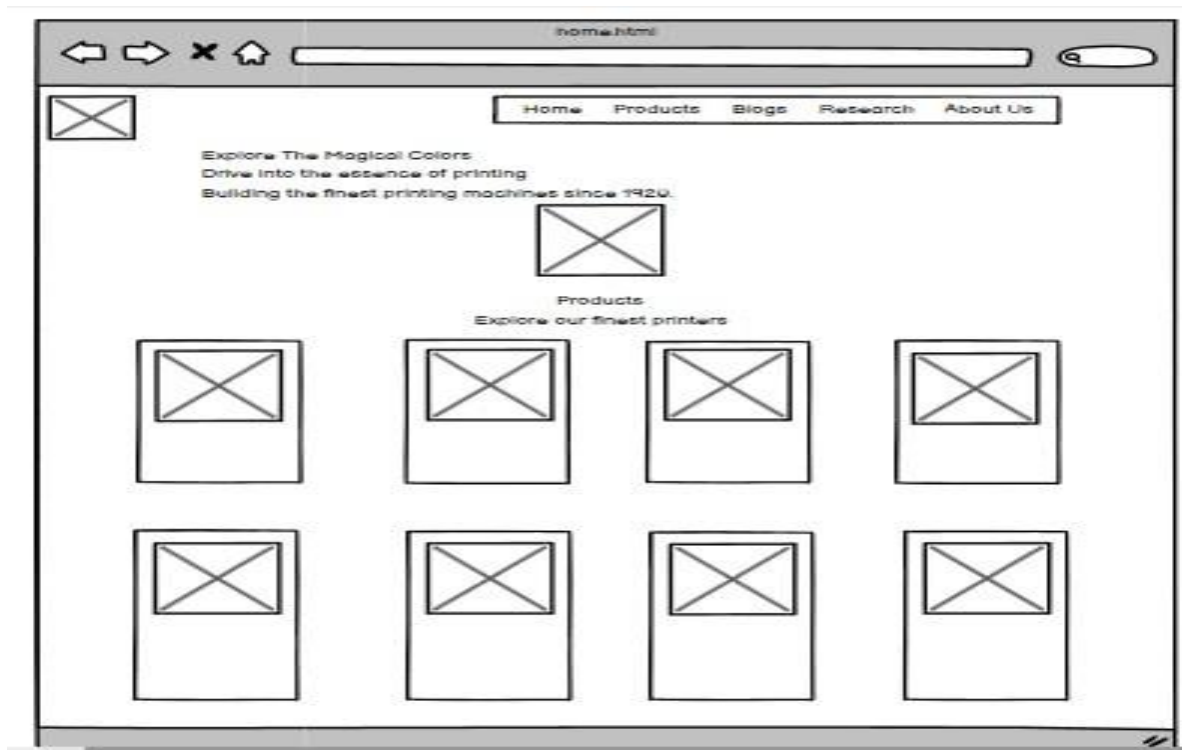


Figure 5: Wireframe of Product Page

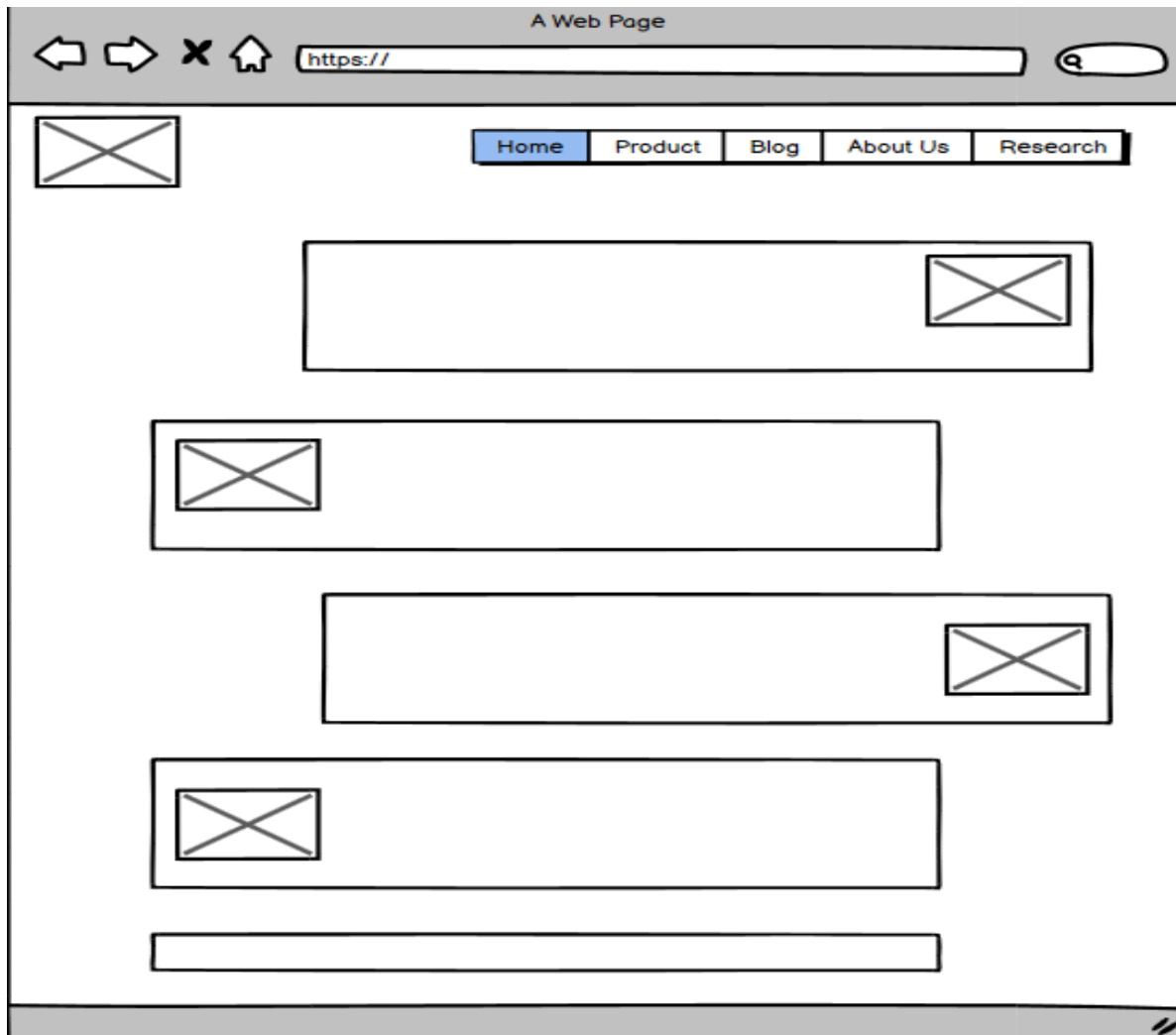


Figure 6: Wireframe of Blog Page

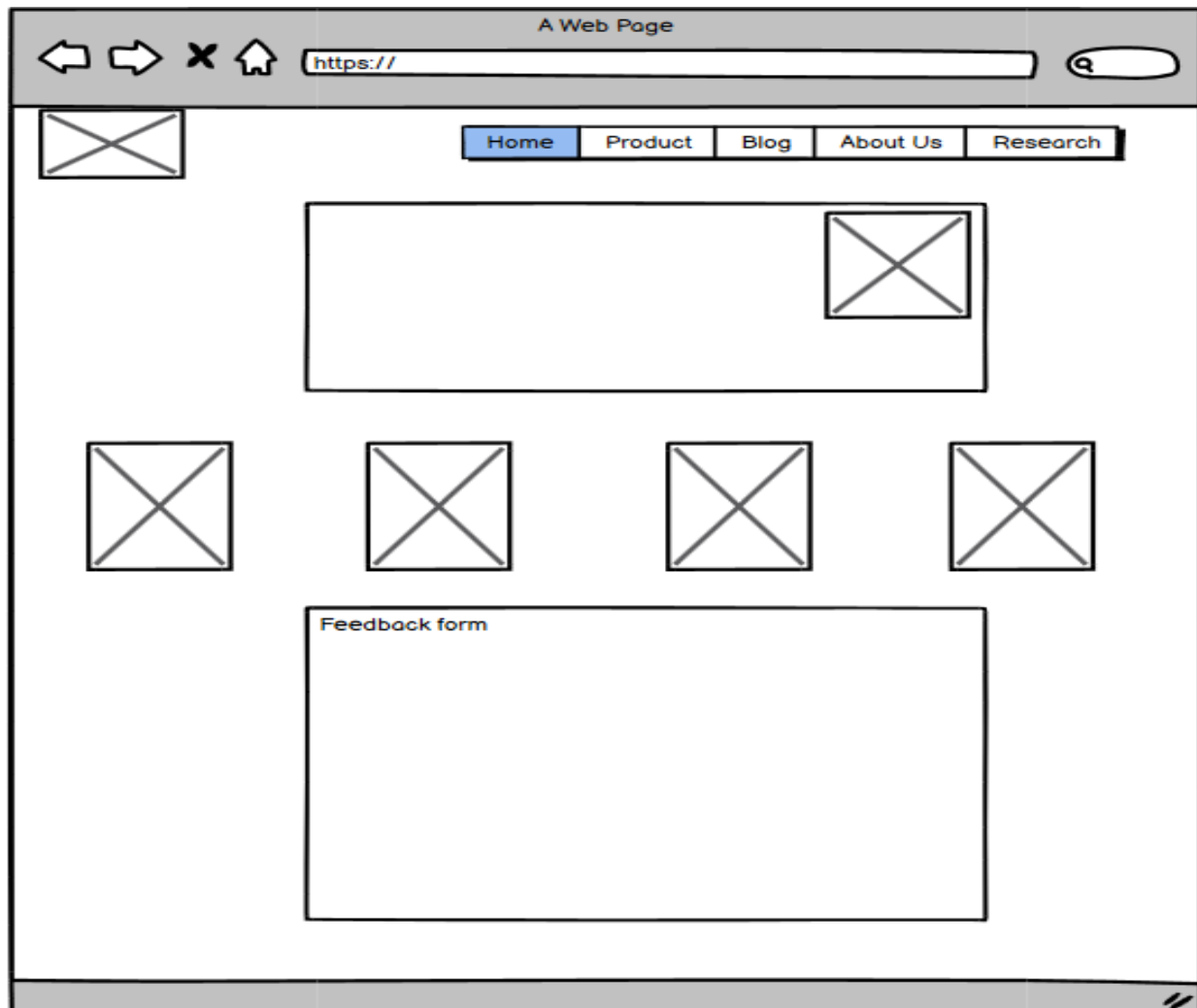


Figure 7: Wireframe of About Us Page

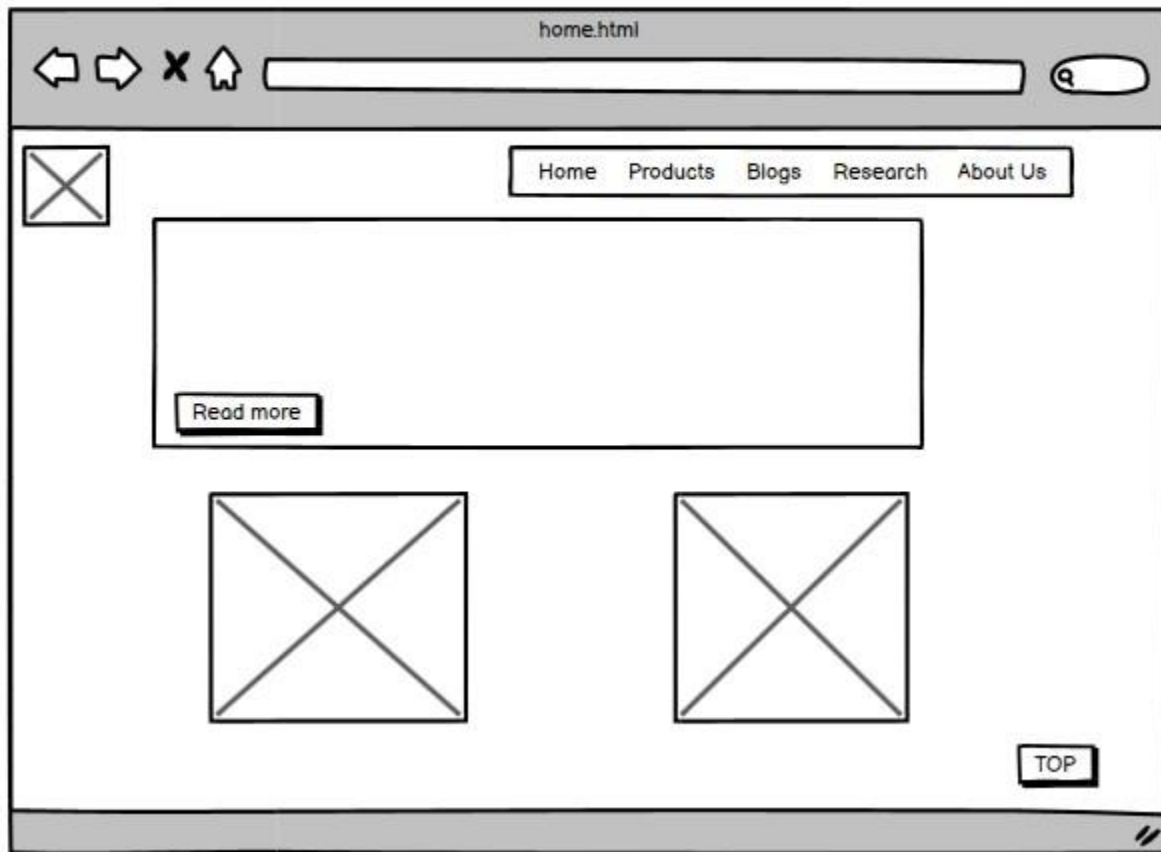


Figure 8: Wireframe of Research Page



### 3. Testing

#### 3.1 Test 1: Get Started Button Redirecting to Product Page

Objective	Get Started Button to Redirect to Product Page
Action	On click redirect to product page
Expected Result	As clicking the button, the product page should open
Actual Result	Product Page was opened
Test	Test was successful

Table 1: GET STARTED BUTTON

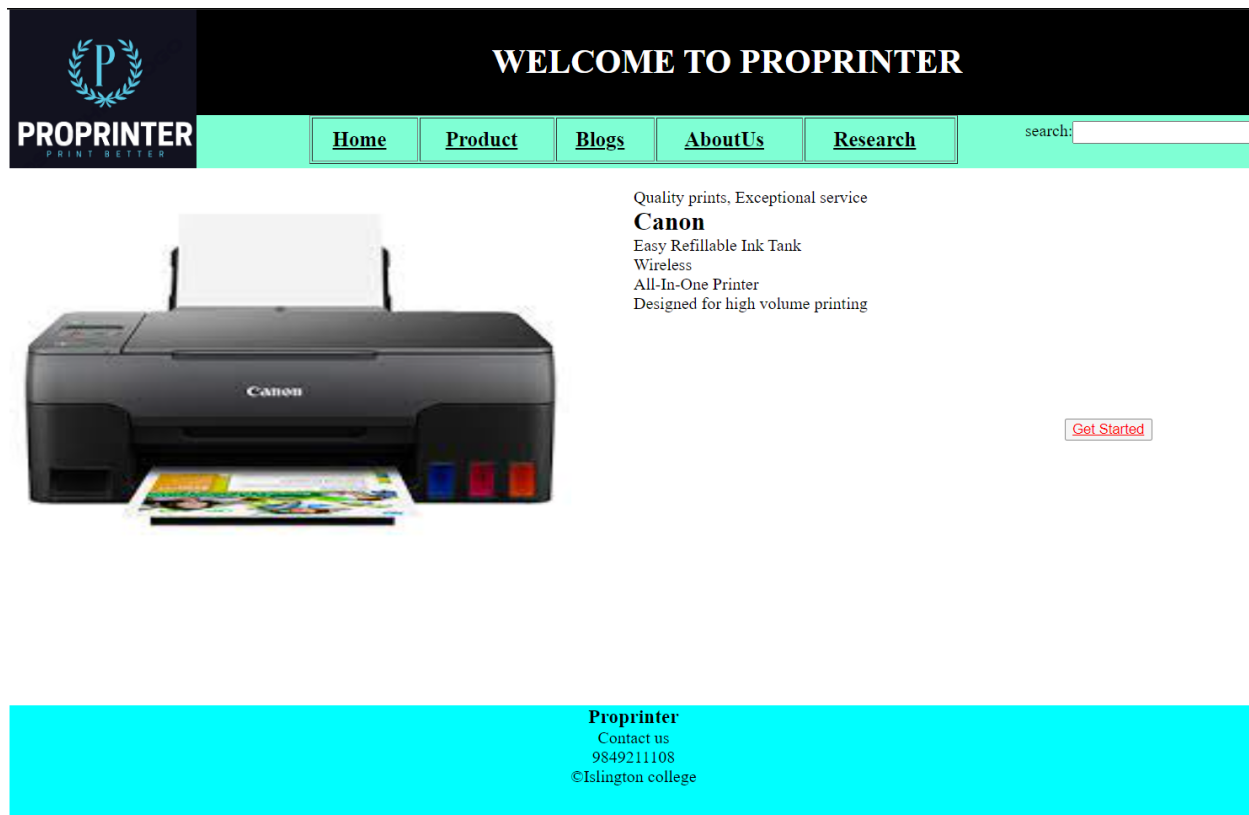


Figure 9: Before Clicking the Get Started Button



*Figure 10: After Clicking the Get Started Button*

### 3.2 Test 2: Background Colour Change while Hovering on Cards

Objective	Background colour change while hovering on cards in product page
Action	On hovering change the background colour of cards in product page from black to cyan
Expected Result	The background colour of the cards in product page should change on hovering from black to cyan
Actual Result	On hovering the colour of the cards changed from black to cyan
Test	Test was successful

Table 2: Background Colour of Cards to Change

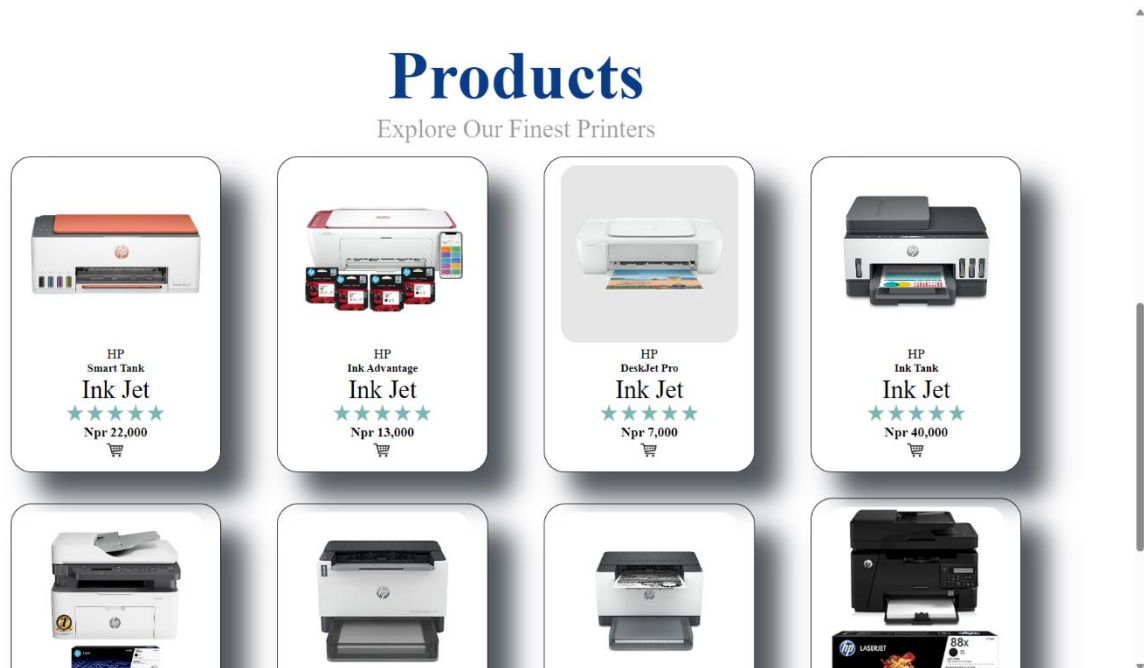


Figure 11: Before Hovering on the cards

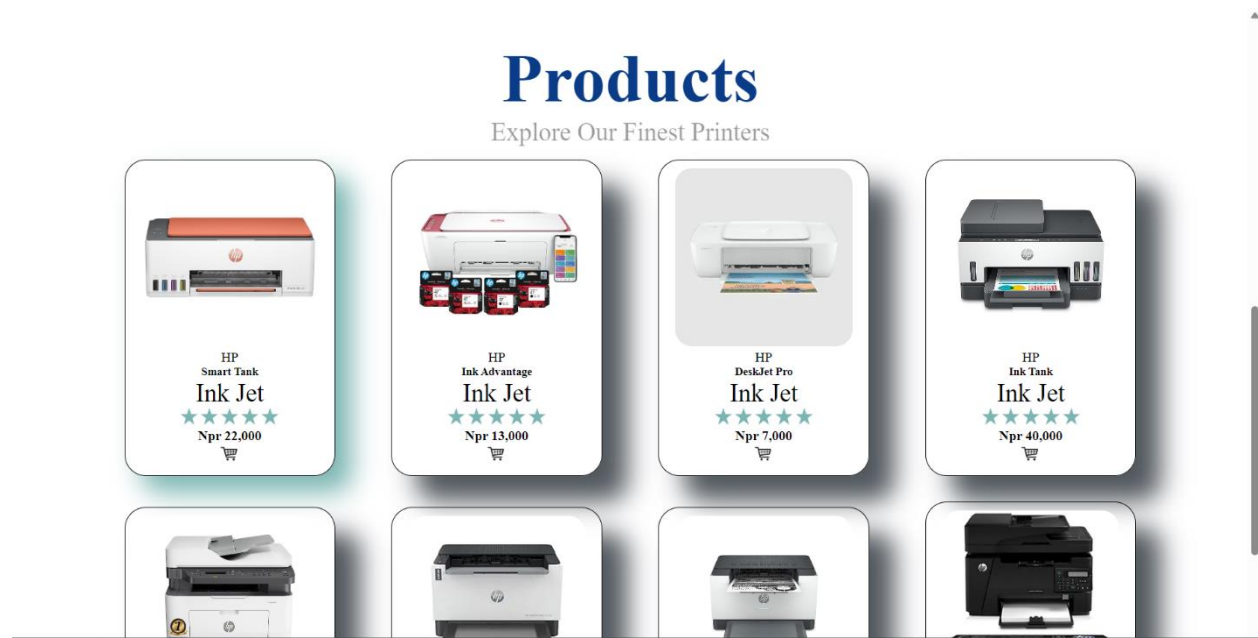


Figure 12:After Hovering on the cards

### 3.3 Expansion and Contraction on Clicking Read More and Read Less Button (JS)

Objective	To expand and contract the paragraph in research page on clicking read more and read less button
Action	The button should hover and perform its function
Expected Result	On clicking read more and read less the paragraph should expand and contract
Actual Result	The paragraph expanded and contracted on clicking the read more and read less button
Test	Test was successful

Table 3: Expansion and Contraction on clicking Read button

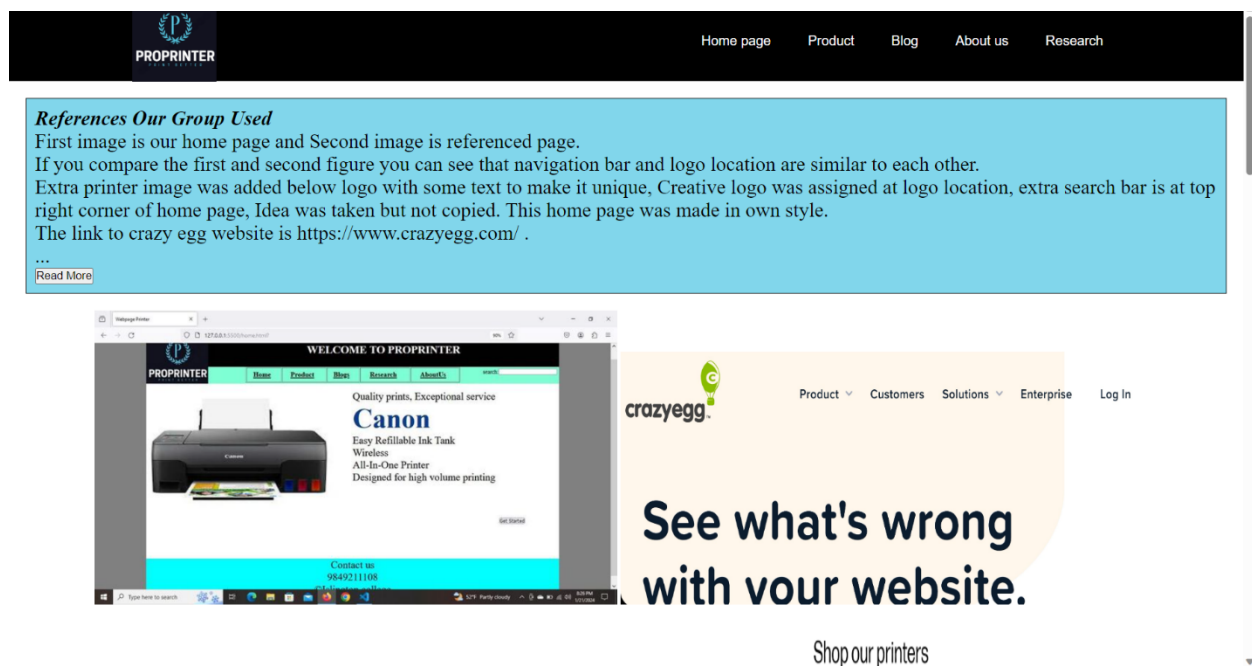


Figure 13: Before clicking Read more button

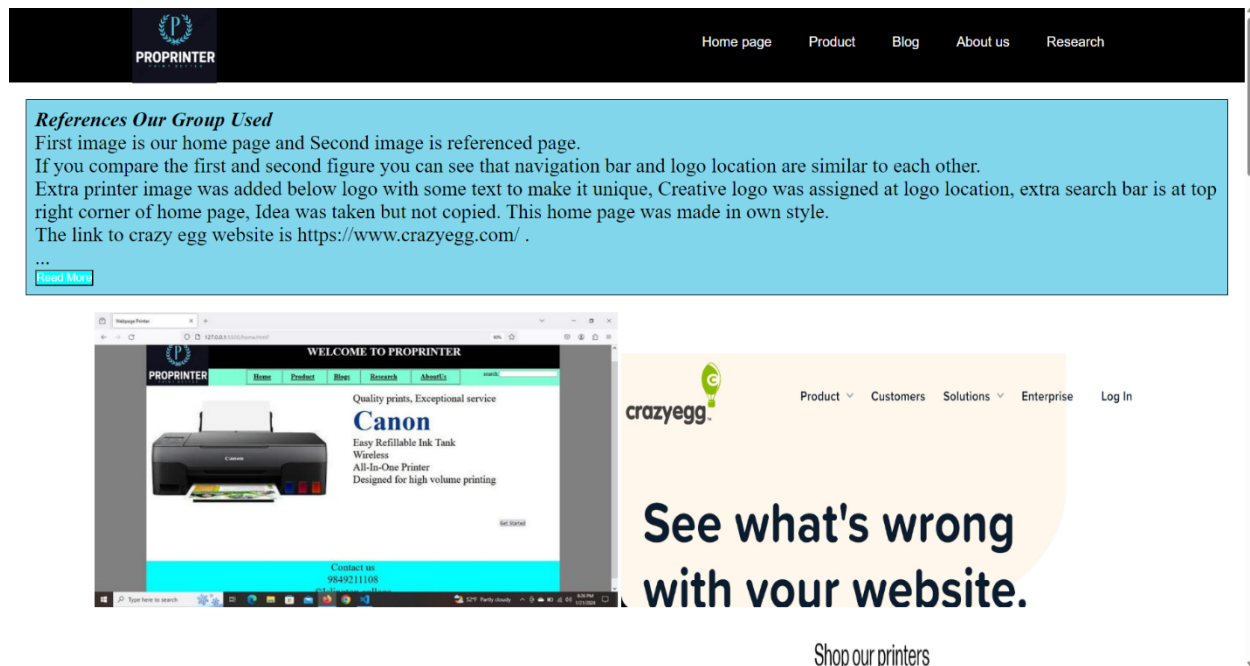


Figure 14: While clicking the read more button

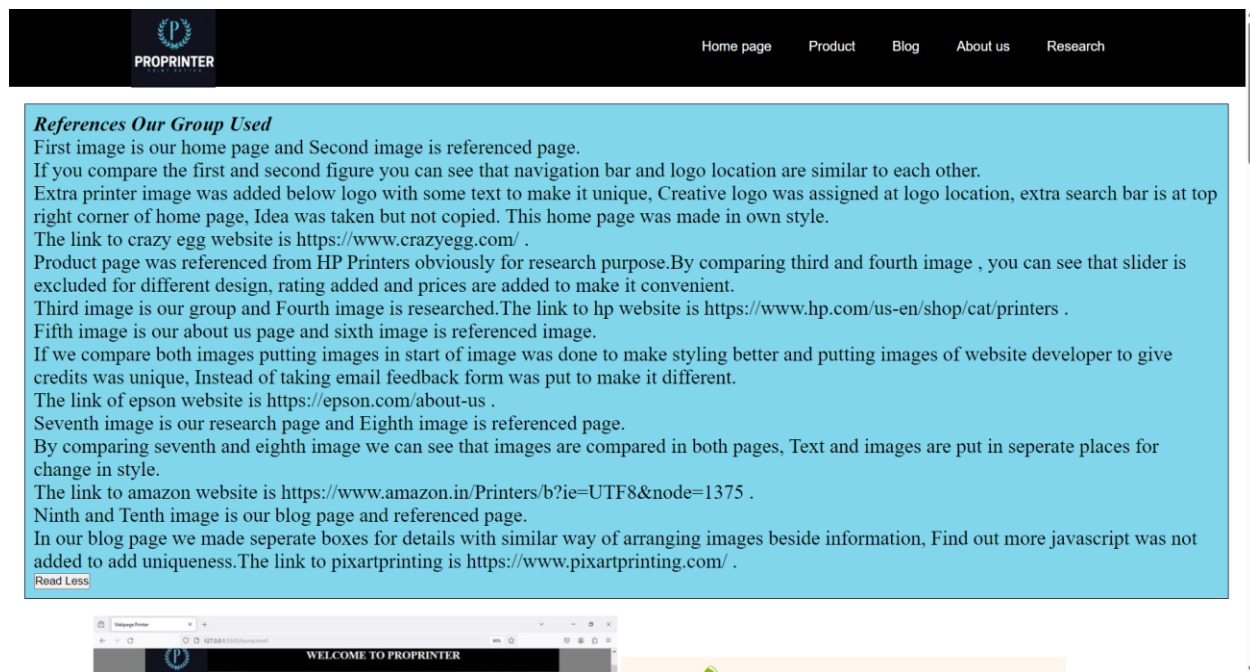


Figure 15: After clicking the Read more button

### 3.4 Form Validation Pop Up (JS)

Objective	A pop-up message to appear after submitting the form
Action	A pop-up message should appear
Expected Result	The pop-up message should say Thank you if the form was filled and Empty Fields Found, Please Fill the Form if the for was not filled
Actual Result	A pop-up message appeared when filled as well as when the form was not filled
Test	Test was successful

Table 4: Form Validation Pop-up

**Drop Us Your Feedback**

First name:

Last name:

Gender: ☒ male ☐ Female

Is this the first time you have visited the website?

☐ yes  
☐ No

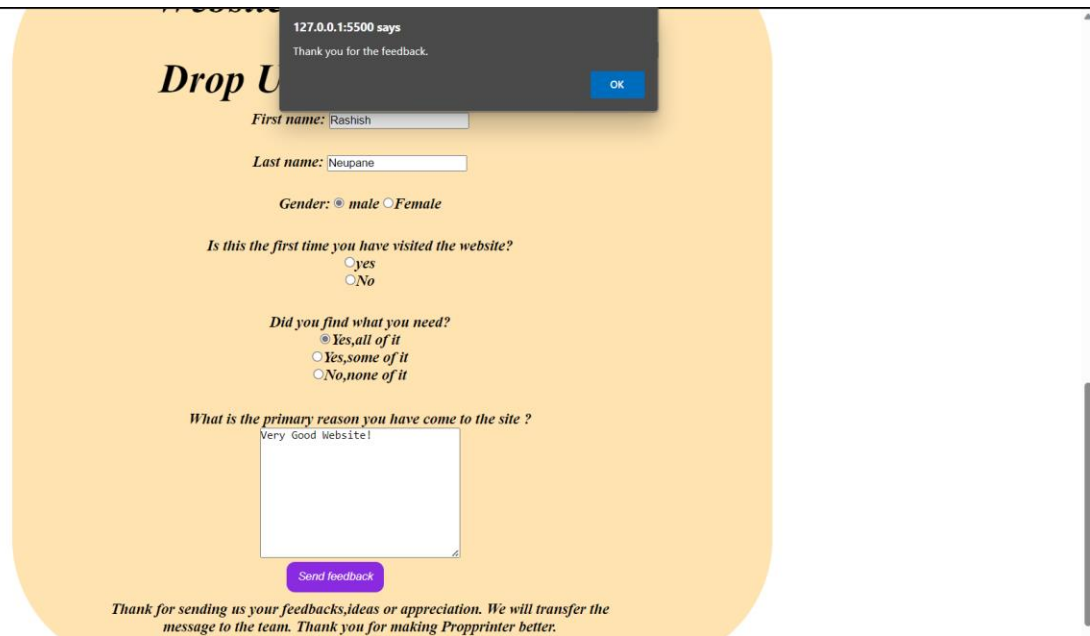
Did you find what you need?

☒ Yes, all of it  
☐ Yes, some of it  
☐ No, none of it

What is the primary reason you have come to the site ?

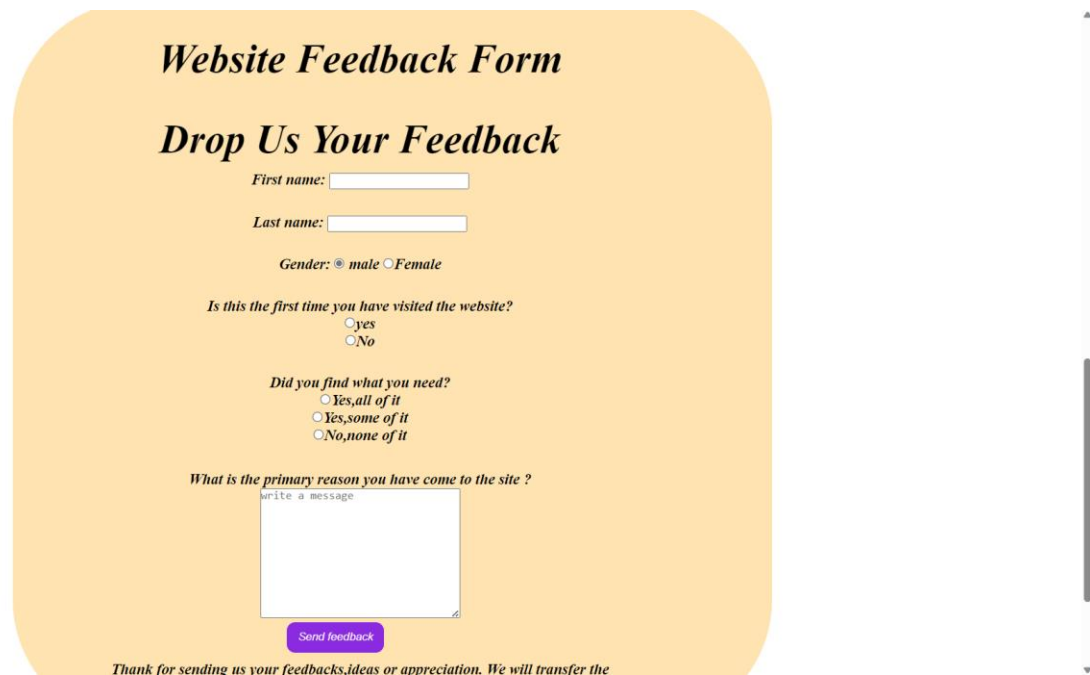
Thank for sending us your feedbacks, ideas or appreciation. We will transfer the message to the team. Thank you for making Propprinter better.

Figure 16: On Filling the Form



The screenshot shows a web form titled "Drop Us Your Feedback" on a light orange background. The form fields are: "First name:" with the value "Rashish", "Last name:" with the value "Neupane", "Gender:" with radio buttons for "male" (selected) and "Female", "Is this the first time you have visited the website?" with radio buttons for "yes" (selected) and "No", "Did you find what you need?" with radio buttons for "Yes,all of it" (selected), "Yes,some of it", and "No,none of it", and "What is the primary reason you have come to the site ?" with a text area containing "Very Good Website!". A purple "Send feedback" button is at the bottom. A dark grey pop-up message box is overlaid on the top right, displaying "127.0.0.1:5500 says" and "Thank you for the feedback." with an "OK" button.

Figure 17: On filling the form a pop up message saying thankyou for the feedback appears



The screenshot shows the same "Drop Us Your Feedback" form as in Figure 17, but without the pop-up message. The form fields are: "First name:" (empty), "Last name:" (empty), "Gender:" with radio buttons for "male" (selected) and "Female", "Is this the first time you have visited the website?" with radio buttons for "yes" (selected) and "No", "Did you find what you need?" with radio buttons for "Yes,all of it" (selected), "Yes,some of it", and "No,none of it", and "What is the primary reason you have come to the site ?" with a text area containing "write a message". A purple "Send feedback" button is at the bottom.

Figure 18: On not filling the form



The image shows a web browser window displaying a feedback form titled "Drop C". A dark grey pop-up message box is overlaid on the form, stating "127.0.0.1:5500 says Empty fields found, please fill the form." with an "OK" button. The form itself has a light orange background and contains the following fields and questions:

- First Name:
- Last Name:
- Gender: ☒ male ☐ Female
- Is this the first time you have visited the website?  
☐ yes ☐ No
- Did you find what you need?  
☐ Yes, all of it  
☐ Yes, some of it  
☐ No, none of it
- What is the primary reason you have come to the site ?
- 

At the bottom of the form, there is a thank you message: "Thank for sending us your feedbacks, ideas or appreciation. We will transfer the message to the team. Thank you for making Proprinter better." The footer of the browser window shows "Proprinter".

Figure 19: After not filling the form a pop-up message saying empty field found appears

### 3.5 A Button to Immediately Scroll to Top of the Page(JS)

Objective	A dedicated button to scroll to the top of the page
Action	Onclick redirect to the top of the page
Expected Result	On clicking the dedicated button, the page should immediately go to the top
Actual Result	The page immediately went to the top on clicking the dedicated button
Test	Test was successful

Table 5: A Button to immediately scroll to the top

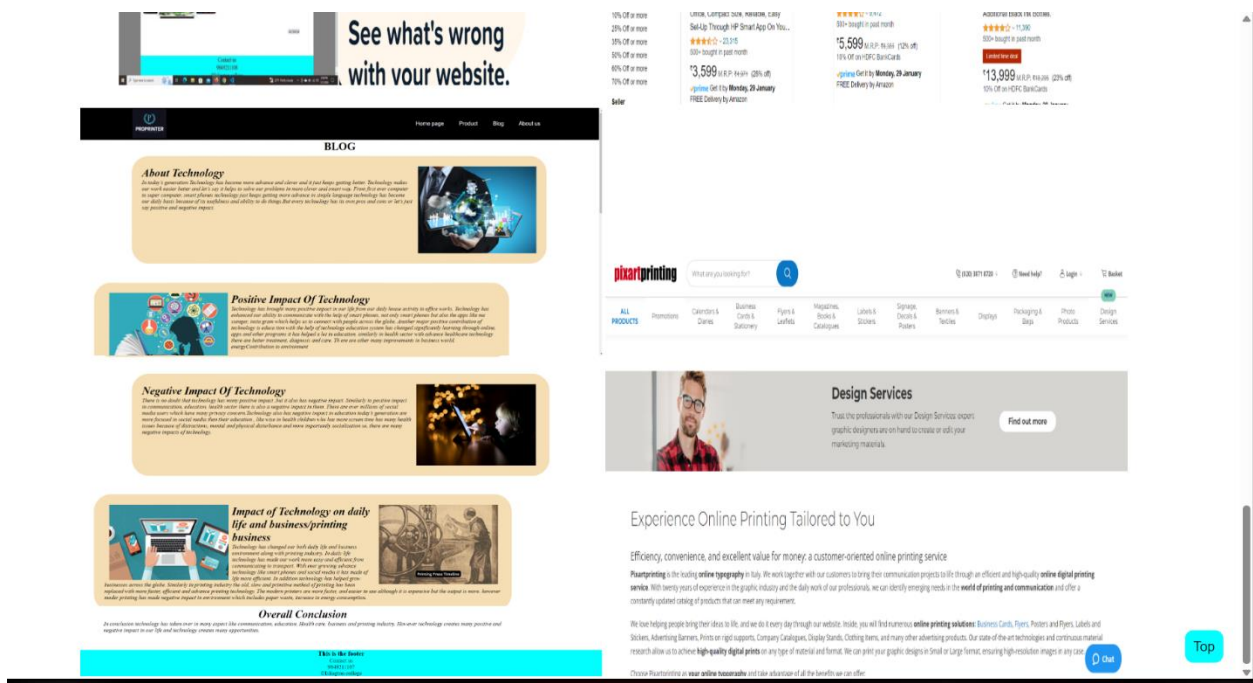


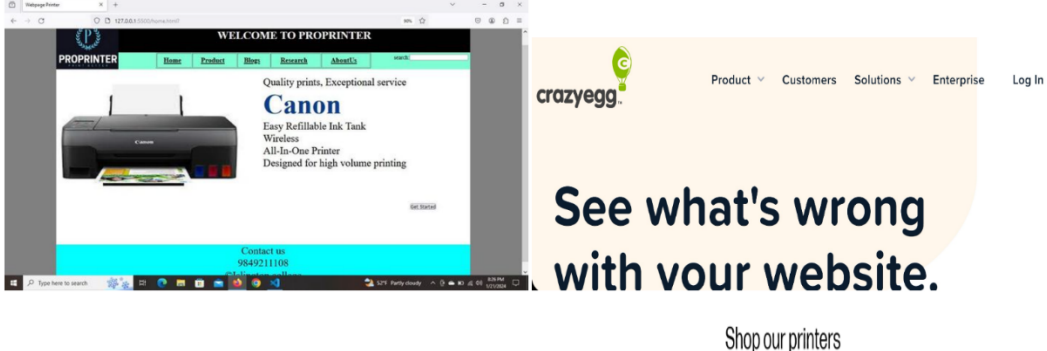
Figure 20: Before clicking the dedicated Top button:

**PROPRINTER**

Home page Product Blog About us Research

**References Our Group Used**  
First image is our home page and Second image is referenced page.  
If you compare the first and second figure you can see that navigation bar and logo location are similar to each other.  
Extra printer image was added below logo with some text to make it unique, Creative logo was assigned at logo location, extra search bar is at top right corner of home page, Idea was taken but not copied. This home page was made in own style.  
The link to crazy egg website is <https://www.crazyegg.com/> .

\*\*\*  
[Read More](#)



The screenshot shows a web browser displaying the 'PROPRINTER' website. The website has a dark header with the 'PROPRINTER' logo and navigation links: Home, Product, Blog, About us, and Research. The main content area features a Canon printer image and text: 'Quality prints, Exceptional service', 'Canon', 'Easy Refillable Ink Tank', 'Wireless', 'All-In-One Printer', and 'Designed for high volume printing'. A contact number '9043211105' is at the bottom. Overlaid on the right is a 'crazyegg' analysis overlay with the text 'See what's wrong with your website.' and a 'Shop our printers' button.

Figure 21: After clicking the dedicated top button

## 4. Conclusion

In conclusion, this project was carried out successfully. In this project we were assigned to make a webpage for a printer which must have included home page, product page, research page and about us page. By using html, CSS, java script (JS) and other tools this project was carried out. The following report provides the information about the project including the webpages and proper implementation of external/internal CSS and java script.

Through this course work we gained knowledge in creating webpage which simulates real world environment. We learned to use and implement the basic concepts of html, CSS, and JS. This group course work also benefited our communicating skills, we were able understand and enhance our knowledge about the features of CSS and java script.

Some skills that are required for a web developer or a programmer are:

- Problem solving
- Logical thinking
- Communications
- Team work
- Technical ideas, etc.

These skills are required which are essential for a web developer and a programmer. These course work boosted our confidence level to use html. We learned to develop and test the web page as assigned to us. Throughout this course work we faced many challenges problems during the development of webpage. Despite on facing many challenges we were able to solve every problem and overcome the challenges by helping each other in the group, proper communication also played the key role and getting consulted by our module teachers, tutor and taking references via different website helped us overcome all the difficulties.

Overall, we are satisfied with the output and the results. We believe that the webpage we generated are properly functional and efficient. Although the project was challenging, we were able gain a valuable experience which will help us prepare for upcoming projects. We hope that this project will meet the standard.

## 5. Appendix

Home page html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Webpage Printer</title>
  <link rel="stylesheet" href="home.css">
  <style type="text/css">
    *
    {
      margin: 0px auto;
    }
    .list_style a
    {
      display: inline;
      font-size: 20px;
      margin-right: 10px;
      color: black;
    }
    .row
    {
      display: flex;
    }
    .leftcolumn
    {
      flex: 75%;
    }
  </style>
</head>
<body style="background-color: white;">
  <!--creating a wrapper-->
  <div style="background-color: rgb(189, 94, 94); width: 80%; height: 600px;">
    <!-- using header tag -->
    <header style="background-color: aquamarine; width: 100%; height:
150px;">
      <!-- div for providing a logo -->
      <div style=" width:15%; height: 100px; margin:0px; float: left;">
```

```

        
    </div>
    <div style="background-color: #234323; width:85%; height: 100px;
float: right;">
        <div style="background-color: black; width: 100%; height: 100%;">
            <h1 style="color: white; text-align: center;
padding:3%;">WELCOME TO PROPRINTER</h1>
        </div>
    </div>
    <!-- creating a navigation bar -->
    <nav style="background-color: black; width:100%; height: 50px;">
        <div style="background-color: black; width: 80%; margin:
auto; height: 50px;">
            <div style="padding: top 12px; ; height: 55px;">
                <table class="t1" border="1" align="center">
                    <tr>
                        <th class="list_style"><a
href="home.html">Home</a></th>
                        <th class="list_style"><a
href="product.html">Product</a></th>
                        <th class="list_style"><a
href="blog.html">Blogs</a></th>
                        <th class="list_style"><a
href="aboutus.html">AboutUs</a></th>
                        <th class="list_style"><a
href="research.html">Research</a></th>
                    </tr>
                </table>
            </div>
        </div>
        <div>
            <form style="color: black; float: right; padding: 0.5%;"
>
                search:<input type="search" >
            </form>
        </div>
    </nav>
</header>
</body>
    <main style="background-color: white; width:100%; height: 510px;">
        <div style="background-color: lightpurple; width:50%; height: 50%;
padding: auto; margin: left 0.5px; float: left;">
            

```

```

    </div><br>
    <div class="row">
        <div class="leftcolumn">
            <div class="content" >
                <p>Quality prints, Exceptional service<br></p>
                <h2>Canon<br></h2>
                <p>Easy Refillable Ink Tank<br> Wireless<br> All-In-One
Printer<br>Designed for high volume printing<br></p>
            </div>
        </div>
    </div>
    <div>
        <form style="color: black; float: right; padding: 100px;" >
            <button align="center">
                <a href="product.html"target="_blank">Get Started</a>
            </button>
        </form>
    </div>
</main>
<footer style="background-color: aqua; width:100%; height:110px;"
class="f" >
    <h3 align="center">Proprinter</h3>
    <p align="center">Contact us</p>
    <p align="center">9849211108</p>
    <p align="center">&copy;Islington college</p>
</footer>
</div>
</body>
</html>

```



Home page css:

```
1. .t1
2. {
3.   margin-left: auto;
4.   margin-right: auto;
5.   height:85%;
6.   width: 65%;
7.   box-sizing: border-box;
8. }
9.
10. .Home
11. {
12.   color:black(60,22,144);
13.   padding: 20px;
14.   background-color:white;
15.   text-decoration: underline;
16.   cursor: pointer;
17. }
18.
19. .Home.hover
20. {
21.   opacity: 0.8;
22. }
23.
24. .Product
25. {
26.   color:rgb(48, 158, 85);
27.   padding: 20px;
28.   background-color:rgb(124, 133, 44);
29.   text-decoration: underline;
30.   cursor: pointer;
31. }
32.
33. .Blogs
34. {
35.   color:rgb(13, 127, 131);
36.   padding: 20px;
37.   background-color:white;
38.   text-decoration: underline;
39.   cursor: pointer;
```

```
40. }
41.
42. .Research
43. {
44. color:rgb(88, 3, 36);
45. padding: 20px;
46. background-color:beige;
47. text-decoration: underline;
48. cursor: pointer;
49. }
50.
51. .Aboutus
52. {
53. color:rgb(88, 3, 36);
54. padding: 20px;
55. background-color:beige;
56. text-decoration: underline;
57. cursor: pointer;
58. }
```

Product page html:

```
3. <!DOCTYPE html>
4. <html lang="en">
5. <head>
6.     <meta charset="UTF-8">
7.     <meta name="viewport" content="width=device-width, initial-scale=1.0">
8.     <title>Document</title>
9.     <link rel="stylesheet" href="product.css">
10.    <style type="text/css">
11.        *
12.        {
13.            margin: 0px auto;
14.        }
15.        .list_style a
16.        {
17.            display: inline;
18.            font-size: 20px;
```

```

19.         margin-right: 10px;
20.         color: black;
21.     }
22. </style>
23.</head>
24.<body style="background-color: white;" class="">
25.    <div class="div-class1">
26.        
27.        <nav>
28.            <ul class="nav-link">
29.                <li><a href="home.html"> Home page</a></li>
30.                <li><a href="product.html" target="_blank">
Product</a></li>
31.                <li><a href="blog.html" target="_blank"> Blog</a></li>
32.                <li><a href="aboutus.html" target="_blank"> About us
</a></li>
33.                <li><a href="research.html" target="_blank"> Research
</a></li>
34.            </ul>
35.        </nav>
36.    </div>
37.    <div class="div6">
38.
39.        <div class="con" style="border-top: 2px; border-bottom: 0; border-
style: solid; border-color: #889FA5; margin-bottom: 30px;"></div>
40.
41.        <section class="banner">
42.            <div class="con">
43.                <div>
44.                    <h4>Explore The Magical Colors</h4>
45.                    <h2>Dive Into The Essence Of Printing</h2>
46.                    <p>Building The Finest Printing Machines Since 1920.</p>
47.                </div>
48.                <div>
49.                    
50.                </div>
51.            </div>
52.        </section>
53.        <div class="con" style="border-top: 2px; border-bottom: 0; border-
style: solid; border-color: #889FA5; margin-bottom: 30px;"></div>
54.        <section class="products">
55.            <h2>Products</h2>
56.            <p style="opacity: 0.4;">Explore Our Finest Printers</p>

```

```

57.     <div class="con">
58.
59.         <!-- Code for Products Cards-->
60.         <div class="cards">
61.             
62.             <div class="desc">
63.                 <span>HP</span>
64.                 <h5>Smart Tank</h5>
65.                 <p>Ink Jet</p>
66.                 <div class="rating">
67.                     
68.                     
69.                     
70.                     
71.                     
72.                 </div>
73.                 <h4>Npr 22,000</h4>
74.                 <!-- here write descprition of product -->
75.             </div>
76.             <a href="" class="cart"></a>
77.         </div>
78.         <div class="cards">
79.             
80.             <div class="desc">
81.                 <span>HP</span>
82.                 <h5>Ink Advantage</h5>
83.                 <p>Ink Jet</p>
84.                 <div class="rating">
85.                     
86.                     
87.                     
88.                     
89.                     
90.                 </div>
91.                 <h4>Npr 13,000</h4>
92.                 <!-- here write descprition of product -->
93.             </div>
94.             <a href="" class="cart"></a>
95.         </div>
96.         <div class="cards">
97.             

```

```

98.         <div class="desc">
99.             <span>HP</span>
100.             <h5>DeskJet Pro</h5>
101.             <p>Ink Jet</p>
102.             <div class="rating">
103.                 
104.                 
105.                 
106.                 
107.                 
108.             </div>
109.             <h4>Npr 7,000</h4>
110.             <!-- here write descprition of product -->
111.         </div>
112.         <a href="" class="cart"></a>
113.     </div>
114.     <div class="cards">
115.         
116.         <div class="desc">
117.             <span>HP</span>
118.             <h5>Ink Tank</h5>
119.             <p>Ink Jet</p>
120.             <div class="rating">
121.                 
122.                 
123.                 
124.                 
125.                 
126.             </div>
127.             <h4>Npr 40,000</h4>
128.             <!-- here write descprition of product -->
129.         </div>
130.         <a href="" class="cart"></a>
131.     </div>
132.     <div class="cards">
133.         
134.         <div class="desc">
135.             <span>HP</span>
136.             <h5>Laser MFP</h5>
137.             <p>Laser</p>
138.             <div class="rating">

```

```

139.         
140.         
141.         
142.         
143.         
144.     </div>
145.     <h4>Npr 38,000</h4>
146.     <!-- here write descprition of product -->
147. </div>
148. <a href="" class="cart"></a>
149. </div>
150. <div class="cards">
151.     
152.     <div class="desc">
153.         <span>HP</span>
154.         <h5>Laserjet Tank</h5>
155.         <p>Laser</p>
156.         <div class="rating">
157.             
158.             
159.             
160.             
161.             
162.         </div>
163.         <h4>Npr 26,500</h4>
164.         <!-- here write descprition of product -->
165.     </div>
166.     <a href="" class="cart"></a>
167. </div>
168. <div class="cards">
169.     
170.     <div class="desc">
171.         <span>HP</span>
172.         <h5>Laserjet M2</h5>
173.         <p>Laser</p>
174.         <div class="rating">
175.             
176.             
177.             
178.             
179.             

```

```

180.         </div>
181.         <h4>Npr 23,500</h4>
182.         <!-- here write descprition of product -->
183.     </div>
184.     <a href="" class="cart"></a>
185. </div>
186. <div class="cards">
187.     
188.     <div class="desc">
189.         <span>HP</span>
190.         <h5>Laserjet Pro</h5>
191.         <p>Laser</p>
192.         <div class="rating">
193.             
194.             
195.             
196.             
197.             
198.         </div>
199.         <h4>Npr 68,000</h4>
200.         <!-- here write descprition of product -->
201.     </div>
202.     <a href="" class="cart"></a>
203. </div>
204. <footer style="background-color: aqua; width:100%;
    height: 125px;" class="f" >
205.     <h3 align="center">Proprinter</h3>
206.     <p align="center">Contact us<br>9849211107</p>
207.     <p align="center">&copy;Islington college</p>
208. </footer>
209. </body>
210. </html>
211.

```

Product page css:

```

4. *{
5.     box-sizing: border-box;
6.     margin: 0;

```

```
7.     padding: 0;
8.
9. }
10. li,a{
11.     font-family: sans-serif;
12.     font-weight: 500;
13.     font-size: 16px;
14.     color:white;
15.     text-decoration: none;
16. }
17. .div-class1{
18.     background-color:black;
19.     display: flex;
20.     justify-content: space-between;
21.     align-items: center;
22.     padding: 30px 10%;
23.     height: 95px;
24. }
25. .logo{
26.     width: 100px;
27.     cursor: pointer;
28.     align-items: baseline;
29.     margin-right: 100px;
30. }
31. nav-link{
32.     list-style: none;
33. }
34. .nav-link li{
35.     display: inline-block;
36.     padding: 0px 20px;
37. }
38. *{
39.     margin: 0;
40.     padding: 0;
41.     box-sizing: border-box;
42. }
43.
44. .con{
45.     width: 1200px;
46.     display: flex;
47.     justify-content: space-between;
48.     align-items: center;
49.     margin: auto;
```



```
50.     flex-wrap: wrap;
51. }
52.
53. .banner{
54.     padding: 20px;
55. }
56.
57. .banner h4{
58.     font-size: 25px;
59.     font-weight: 300;
60.     color: #0b3c87;
61. }
62.
63. .banner h2{
64.     font-size: 60px;
65.     color: #0b3c87;
66.     margin-top: 20px;
67.     margin-bottom: 30px;
68. }
69.
70. .banner p{
71.     font-size: 30px;
72.     padding-top: 10px;
73.     color: #0b3c87;
74. }
75.
76. h2{
77.     font-size: 80px;
78.     color: #0b3c87;
79. }
80.
81. p{
82.     font-size: 30px;
83.     color: black;
84. }
85.
86. .products{
87.     padding: 20px 0;
88.     text-align: center;
89. }
90. }
91.
92. .cards{
```

```
93.     padding: 30px 0;
94.     width:23px;
95.     min-width: 250px;
96.     padding: 10px 15px;
97.     border: 1px solid rgb(0, 0, 0);
98.     border-radius: 25px;
99.     cursor: pointer;
100.     box-shadow: 30px 30px 30px rgb(80, 87, 93);
101.     margin: 15px 0;
102.     position: relative;
103. }
104.
105. .cards:hover{
106.     box-shadow: 20px 20px 30px #7BB6B2;
107. }
108.
109. .cards > img{
110.     width:210px;
111.     border-radius: 20px;
112. }
113. .cards .rating img{
114.     width: 20px;
115. }
116. .cards .cart img{
117.     width:30px;
118. }
```

Blog page html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="blog.css">
</head>
<body>
  <div class="div-class1">
    
```

```

    <nav>
      <ul class="nav-link">
        <li><a href="home.html"> Home page</a></li>
        <li><a href="product.html" target="_blank"> Product</a></li>
        <li><a href="blog.html"> Blog</a></li>
        <li><a href="aboutus.html"> About us </a></li>
        <li><a href="reeseearch.html">Research</a></li>
      </ul>
    </nav>
  </div>
</body>
<body>
  <h1 align="center"><strong> BLOG </strong></h1>
  <!--creating header tag-->

  <div class="div1">
    <!--creating a div for image and paragraph-->
    
    <h1> About Technology</h1>
    <!--creating header tag-->
    <p>
      <!--using a paragraph tag for class="div1"-->
      In today's generation Technology has become more advance and clever
      and it just keeps getting better.
      Technology makes our work easier better and let's say it helps to
      solve our problems in more clever and smart way.
      From first ever computer to super computer, smart phones technology
      just keeps getting more advance in simple language
      technology has become our daily basis because of its usefulness and
      ability to do things.But every technology has its own
      pros and cons or let's just say positive and negative impact.

    </p><br>
  </div>
  <!--closing div tag -->

  <div class="div2">
    <!--creating another div tag for image and paragraph-->
    
    <h1> Positive Impact Of Technology</h1>
    <p>

```

Technology has brought many positive impact in our life from our daily house activity to office works.

Technology has enhanced our ability to communicate with the help of smart phones, not only smart phones but also the apps like me

ssenger, insta gram which helps us to connect with people across the globe. Another major positive contribution of technology is educa

tion with the help of technology education system has changed significantly learning through online, apps and other programs it has helped

a lot in education, similarly in health sector with advance healthcare technology there are better treatment, diagnosis and care. Th

ere are other many improvements in business world, energyContribution to environment

</p>

</div>

<!--closing div tag for class="div2"-->

<div class="div3">



<h1> Negative Impact Of Technology</h1>

<p>

There is no doubt that technology has many positive impact ,but it also has negative impact. Similarly to positive impact in communication,

education, health sector there is also a negative impact in them. There are over millions of social media users which have many privacy

concern.Technology also has negative impact in education today's generation are more focused in social media then their education , like wise in

health children who has more screen time has many health issues because of distractions, mental and physical disturbance and more importantly

socialization so, there are many negative impacts of technology.

</p>

</div>

<div class="div4">





<h1> Impact of Technology on daily life and business/printing business</h1>

<p>

Technology has changed our both daily life and business environment along with printing industry.

In daily life technology has made our work more easy and efficient from communicating to transport. With ever growing advance technology like smart phones and social media it has made of life more efficient. In addition technology has helped grow businesses across the globe.

Similarly in printing industry the old, slow and primitive method of printing has been replaced with more faster, efficient and advance printing technology. The modern printers are more faster, and easier to use although it is expensive but the output is more.

however moder printing has made negative impact in environment which includes paper waste, increase in energy consumption.

</p>

</div>

<div class="div5">

<h1 align="center"> Overall Conclusion</h1>

<p>

In conclusion technology has taken over in many aspect like communication, education, Health care, business and printing industry.

However technology creates many positive and negative impact in our life and technology creates many opportunities.

</p>

</div>

<footer style="background-color: aqua; width:100%; height:80px;" class="f" >

<h3 align="center">Proprinter</h3>

<p align="center">Contact us<br>9849211107</p>

<p align="center">&copy;Islington college</p>

</footer>

</body>

</html>

Blog page css:

```
*{
    box-sizing: border-box;
    margin: 0;
    padding: 0;
}
li,a{
    font-family: sans-serif;
    font-weight: 500;
    font-size: 16px;
    color:white;
    text-decoration: none;
}
.div-class1{
    background-color:black;
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 30px 10%;
    height: 95px;
}
.logo{
    width: 100px;
    cursor: pointer;
    align-items: baseline;
    margin-right: 100px;
}
nav-link{
    list-style: none;
}
.nav-link li{
    display: inline-block;
    padding: 0px 20px;
}
.img1{
    float:right;
    width: 30%;
    margin-left: 15px;
}
```

```
}  
.div1{  
    position: absolute;  
    width: 80%;  
    margin-left: 150px;  
    background-color: wheat;  
    padding: 30px;  
    font-weight: 400;  
    font-size: medium;  
    margin-top: 10px;  
    border-radius: 50px;  
    cursor: pointer;  
    font-style: italic;  
}  
.img2{  
    float: left;  
    width: 30%;  
    margin-left: 15px;  
    margin-right: 10px;  
}  
.div2{  
    position: absolute;  
    width: 80%;  
    margin-left: 40px;  
    background-color: wheat;  
    padding: 30px;  
    font-weight: 400;  
    font-size: medium;  
    margin-top: 25%;  
    border-radius: 50px;  
    cursor: pointer;  
    font-style: italic;  
}  
.img3{  
    float: right;  
    width: 30%;  
    margin-left: 15px;  
    margin-right: 10px;  
}  
.div3{  
    position: absolute;  
    width: 80%;  
    margin-left: 150px;
```

```
background-color:wheat;
padding: 30px;
font-weight:400;
font-size: medium;
margin-top: 45%;
border-radius: 50px;
cursor: pointer;
font-style: italic;
}
.img4{
float:left;
width: 30%;
margin-left: 15px;
margin-right: 10px;
}
.img5{
float:right;
width: 30%;
margin-left: 15px;
margin-right: 10px;
}
.div4{
position: absolute;
width: 80%;
margin-left: 40px;
background-color:wheat;
padding: 30px;
font-weight:400;
font-size: medium;
margin-top: 68%;
border-radius: 50px;
cursor: pointer;
font-style: italic;
}
.div5{
position: absolute;
width: 80%;
margin-left: 40px;
background-color:white;
padding: 30px;
font-weight:400;
font-size: medium;
margin-top: 90%;
```



```
border-radius: 50px;
font-style: italic;
}
.f{
margin-top: 100%;
}
```

Research page html:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>

  <link rel="stylesheet" href="research.css">

  <!-- Using Internal CSS -->
  <style>
    .white {
      background-color: #81D6EB;
      border: 1px solid
    }

    .italic {
      font-style: italic;
    }

    .rectangle {
      padding: 10px;
      margin: 20px;
    }
  </style>
</head>

<body>
```

```

<div class="div-class1">
  
  <nav>
    <ul class="nav-link">
      <li><a href="home.html"> Home page</a></li>
      <li><a href="product.html" target="_blank"> Product</a></li>
      <li><a href="blog.html" target="_blank"> Blog</a></li>
      <li><a href="aboutus.html" target="_blank"> About us </a></li>
      <li><a href="research.html" target="_blank"> Research </a></li>
    </ul>
  </nav>
</div>
<div class="div6">

  <!-- Making class for CSS,
  Section used -->
  <section class=" white rectangle">
    <h2 class="italic">References Our Group Used</h2>
    <!-- Writing content -->
    <p class="text">First image is our home page and Second image is
referenced page. <br>
      If you compare the first and second figure you can see that
navigation bar and logo location are similar to
      each other. <br>
      Extra printer image was added below logo with some text to make it
unique, Creative logo was assigned at
      logo location, extra search bar
      is at top right corner of home page, Idea was taken but not copied.
This home page was made in own style. <br>
      The link to crazy egg website is https://www.crazyegg.com/ . <br>
      <span class="dots">...</span>
      <!-- Making class for js use -->
      <span class="moreText"> Product page was referenced from HP Printers
obviously
      for research purpose.By comparing third and fourth image , you
can see that slider is excluded for different design,
      rating added and prices are added to make it convenient. <br>
      Third image is our group and Fourth image
      is researched.The link to hp website is https://www.hp.com/us-
en/shop/cat/printers . <br>
      Fifth image is our about us page and sixth image is referenced
image. <br>

```

```

        If we compare both images putting images in start of image was
done to make styling better and putting
        images of website developer to give credits was unique, Instead
of
        taking email feedback form was put to make it different. <br>
        The link of epson website is
        https://epson.com/about-us . <br>
        Seventh image is our research page and Eighth image is
        referenced page. <br>
        By comparing seventh and eighth image we can see that images are
compared in both
        pages, Text and images are put in seperate places for change in
style. <br>
        The link to amazon website is
https://www.amazon.in/Printers/b?ie=UTF8&node=1375 . <br>
        Ninth and Tenth image is our blog page and referenced page. <br>
        In our blog page we made seperate boxes for details with similar
way of arranging images beside information,
        Find out more javascript was not added to add uniqueness.The link
to pixartprinting is https://www.pixartprinting.com/ . <br>
        </span>
    </p>
    <!-- Making button Read More button and giving it class normal -->
    <button class="normal">Read More</button>
    </p>
</section>

<!-- Linking html with specified js file -->
<script src="./coursework.js"></script>

<!-- Inserting images side by side with help of section tag,
Adjusting images with margin, width and height-->
<section style="margin-left: 6%;">

    <!-- Using Inline CSS -->
    

```

```












</section>
<button onclick="scrollToTop()" id="scrollToTopBtn" title="Go to
top">Top</button>

<!--Using javascript-->
<script>
    var scrollToTopBtn = document.getElementById("scrollToTopBtn");

    window.onscroll = function() {
        if (document.body.scrollTop > 20 ||
document.documentElement.scrollTop > 20) {
            scrollToTopBtn.style.display = "block";
        } else {
            scrollToTopBtn.style.display = "none";
        }
    };

    function scrollToTop() {
        document.body.scrollTop = 0;
        document.documentElement.scrollTop = 0;
    }

    const readMore = document.querySelector('.normal');
const text = document.querySelector('.text');

readMore.addEventListener('click',(e)=>
{
    text.classList.toggle('show-more');

    if(readMore.innerText === 'Read More')
```

```
{
    readMore.innerText = 'Read Less';
}
else
{
    readMore.innerText = 'Read More';
}
})
</script>

</body>

</html>
```

Research page css:

```
*{
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}
li,a{
  font-family: sans-serif;
  font-weight: 500;
  font-size: 16px;
  color:white;
  text-decoration: none;
}
.div-class1{
  background-color:black;
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 30px 10%;
  height: 95px;
}
.logo{
  width: 100px;
  cursor: pointer;
  align-items: baseline;
  margin-right: 100px;
}
nav-link{
  list-style: none;
}
.nav-link li{
  display: inline-block;
  padding: 0px 20px;
}
button .normal
{
  font-size: 14px;
  font-weight: 600;
}
```

```
padding: 15px 30px;
color: black;
background-color: white;
border-radius: 4px;
cursor: pointer;
transition: 0.2s;
}

button:hover
{
    background: cyan;
    color: white;
}

.text
{
    font-size: 24px;
}

.moreText
{
    display: none;
}

.text.show-more .moreText
{
    display: inline;
}

.text.show-more .dots
{
    display: none;
}

#scrollTopBtn {
    display: none;
    position: fixed;
    bottom: 20px;
    right: 20px;
    font-size: 16px;
    padding: 10px;
```

```
background-color: cyan;
color: black;
border: none;
border-radius: 10px;
cursor: pointer;
}
```

About us page html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="aboutus.css">
  <!--link for css-->
  <title>Document</title>
</head>
<body>

  <div class="div-class1">
    
    <nav>
      <ul class="nav-link">
        <li><a href="home.html"> Home page</a></li>
        <li><a href="product.html" target="_blank"> Product</a></li>
        <li><a href="blog.html" target="_blank"> Blog</a></li>
        <li><a href="aboutus.html" target="_blank"> About us </a></li>
        <li><a href="research.html" target="_blank"> Research </a></li>
      </ul>
    </nav>
  </div>
  <div class="div6">
    <!--creating a div for image and paragraph-->
    
    <h1> About US</h1>
    <!--creating header tag-->
    <p>
```



Propprinter is a go-to platform for exploring different and diverse range of printers,

We provide legit reviews, buying guidance. Navigate through our webpage and Discover. We

recommend which one is the best to buy. We take all the products reviews from different sites so they can be easily comparable.

All our rating are based on customers rating<br>

```

    <!--using a paragraph tag for class="div1"-->
</p><br>
<h1> How do we give rating for the product</h1>
<p> We provide ratings on the basis of our coustomer feedbacks. We take
products from official websites and compare them
    on basis of their price and capability.
</p><br>
<h1> Meet Our team</h1>
<!-- using header tag -->
</div>
<div class="logo1">
    <!-- Creating a div for image-->
    
    <p> Ishpa Maharjan </p>
    <p> 19 </p>
    <p> BSc(HONS) IN COMPUTING</p>
    <p> Nepal, KTM </p>
</div>

<div class="logo2">
    <!-- Creating a div for image-->
    
    <p> Ashrey Koirala</p>
    <p> 20</p>
    <p> BSc(HONS) IN COMPUTING</p>
    <p> Nepal, KTM </p>
</div>

<div class="logo3">
    <!-- Creating a div for image-->
    
    <p> Amin Tamang</p>
    <p> 20</p>
    <p> BSc(HONS) IN COMPUTING</p>
    <p> Nepal, KTM </p>

```

```

</div>
<div class="logo4">
  <!-- Creating a div for image-->
  
  <p> Salin gurung </p>
  <p> 19</p>
  <p> BSc(HONS) IN COMPUTING</p>
  <p> Nepal, KTM </p>
</div>
<!--closing tag for a div-->

<div class="divclass2">
  <!--creating a division for a form -->
  <form name="Feedbackform" onsubmit="validateForm()">
    <!--using form tag-->
    <table align="center" class="feedbackform" width="30%">
      <th><form >
        <h1> Website Feedback Form</h1>
        <h1 class="h">Drop Us Your Feedback</h1>

        <p> First name: <input type="text"
name="firstname"></p><br>
        <p> Last name: <input type="text"
name="lastname"></p><br>
        <p>Gender: <input type="radio" name="gender" value="male"
checked> male
        <input type="radio" name="Gender"
value="femake">Female</p><br>
        <p>Is this the first time you have visited the
website?<br>
        <input type="radio" name="yes"
value="yes">yes<br><input type="radio"
name="no" value="no">No
        </p><br>
        <p>Did you find what you need?<br>
        <input type="radio" name="yes" value="Yes,all of
it">Yes,all of it<br>
        <input type="radio" name="yes" value="Yes,some of it
">Yes,some of it<br>
        <input type="radio" name="No" value="No,none of
it">No,none of it<br><br></p>

```

```

        <p>What is the primary reason you have come to the site
?</b><br>
        <textarea name="message" rows="10" cols="30"
placeholder="write a message"></textarea> </p>
        <button class="button1"> Send
feedback</button>

        <p> Thank for sending us your feedbacks,ideas or
appreciation. We will transfer the message to the team.
        Thank you for making Propprinter better. </p>
        </form></th>
    </tr>
</table>
</div>
<!-- javascript for form validation-->
<script>
    function validateForm(){
        var fname = document.forms["messageForm"]["First name"].value;
        var lname = document.forms["messageForm"]["Last name"].value;
        var message = document.forms["messageForm"]["message"].value;

        if (fname == "" || lname == "" || message == "") {
            alert("Empty fields found. please fill the form.");
        }
        else{
            alert("Thank you for the feedback.");
        }
    }
</script>

<footer style="background-color: aqua; width:100%; height:125px;" class="f" >
    <h3 align="center">Propprinter</h3>
    <p align="center">Contact us<br>9849211107</p>
    <p align="center">&copy;Islington college</p>
</footer>

</body>
</html>

```

About us page css:

```
*{
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}
li,a{
  font-family: sans-serif;
  font-weight: 500;
  font-size: 16px;
  color:white;
  text-decoration: none;
}
.div-class1{
  background-color:black;
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 30px 10%;
  height: 95px;
}
.logo{
  width: 100px;
  cursor: pointer;
  align-items: baseline;
  margin-right: 100px;
}
nav-link{
  list-style: none;
}
.nav-link li{
  display: inline-block;
  padding: 0px 20px;
}
.divclass2{
  margin-top: 28px;
  color: rgb(100, 96, 96);
}
```

```
h1{
  font-size: 48px;
  margin-left: 50px;
}
p{
  margin-left: 50px;
  font-size: 18px;
  margin-top: 10px;
}
.img6{
  float:right;
  width: 30%;
  margin-left: 15px;
}
.div6{
  position:absolute;
  width: 80%;
  margin-left: 150px;
  background-color:antiquewhite;
  padding: 30px;
  font-weight:400;
  font-size: medium;
  margin-top: 10px;
  border-radius: 50px;
  cursor: pointer;
  font-style: italic;
}

.logo1{

  background-color:black;
  color: white;
  width: 200px;
  margin-left: 170px;
  align-items:center;
  display: inline-block;
  border-radius: 20px;
}
.logo2{
  width: 200px;
  margin-top: 35%;
}
```

```
        background-color:black;
        color: white;
        display: inline-block;
        margin-left: 160px;
        border-radius: 20px;
    }
    .logo3{
        width: 200px;
        margin-top: 35%;
        display: inline-block;
        background-color:black;
        color: white;
        margin-left: 160px;
        border-radius: 20px;
    }
    .logo4{
        width: 200px;
        margin-top: 35%;
        display: inline-block;
        background-color: black;
        color: white;
        border-radius: 20px;
        margin-left: 160px;
    }
    body{
        background-color:rgb(255, 255, 255)
    }
    form{
        margin-top: 40px;
        margin-left: 30px;
        color: black;
    }
    .h{
        margin-top: 40px;

        width: 600px;
        border-radius: 20px;
    }
    .feedbackform{
```

```
    color:black;
    margin-top: 10px;
    padding: 30px;
    border-radius: 50px;
    display: inline-block
}
.f{
    margin-top: 10px;
}
.div{
    margin-top: 30%;
}
.divclass2{
    background-color:rgb(255, 228, 178);
    border-radius: 150px;
    width: 900px;
    margin-left: 200px;
    font-style: italic;
}
.button1{
    background-color:blueviolet;
    color:white;
    border:none;
    height: 36px;
    width: 115px;
    border-radius: 10px;
    cursor: pointer;
    margin-right: 8px;
    transition: opacity 0.15s;
    font-style: italic;
}
```

## 6. Bibliography

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