Web Design and Development
4COSC011W

Report

Author: Prathikshan Lukneshwaran
Student ID: w1898954

Group Number: C-3
Student Role: Student 2

1. Introduction

Student 1: Sajuharan Kirubanandarajah (w19115432-20210722)
- Presentation Page
- Buy products

Student 2: Prathikshan Lukneshwaran (w1898954-20211381)
- Main site navigation & External CSS
- Query Form
- Main (Home) Page

Student 3: Mohammed Saifudeen Safa (w19030689-20211483)
- Quiz
- Student details

Student 4: Chamathka Kolonnage (w1902612-20211324
- Diagram (SVG)
- Thumbnail Images

All students:
- Editor Page
- Extra content page relevant to topic.

Topic - Fashion

Group Coursework Meetings (minimum 6 meetings, e.g., one per week)		
1	**Date & Time**	**July 1st^nd – 6.30PM**
	Objective:	**Read the specification** **Allocated tasks per each member**
	Attended:	**Chamathka,Safa,Sajuharan,Prathikshan**
	Your Contribution:	**Read all the requirement of students and I chose the task of student 4**
2	**Date & Time:**	**July 5th-7.30Pm**
	Objective:	**Discussed theme for the main page and logo**
	Attended:	**Chamathka,Safa,Sajuharan,Prathikshan**
	Your Contribution:	**I shared my opinion in the color of the main page.**
3	**Date & Time:**	**July 9th-9.30 pm**
	Objective:	**Started working on the main page, additional content page too**
	Attended:	**Chamathka,Safa,Sajuharan,Prathikshan**
	Your Contribution:	
4	**Date & Time:**	**July – 13th 9:30pm**
	Objective:	**Shared ideas about the individual pages**
	Attended:	**Chamathka,Safa,Sajuharan,Prathikshan**
	Your Contribution:	
5	**Date & Time:**	**July 18th – 11:00pm**
	Objective:	**Finalized the coursework and report**
	Attended:	**Chamathka,Safa,Sajuharan,Prathikshan**
	Your Contribution:	
6	**Date & Time:**	**March 20th – 11:00 am**
	Objective:	**Reviewed the entire coursework.**
	Attended:	**Chamathka,Safa,Sajuharan,Prathikshan**
	Your Contribution:	

2. Technical Discussion

On this website, I created and designed the main page, query form, and external CSS as student 2 task. My other team members created and designed Presentation and Buy products pages as the student 1 task; Quiz and Student details pages as the student 3 task; Diagram (SVG) and Thumbnail Image pages as the student 4 task.

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

Main page

For the top of the main page, I created a navigation bar to link pages that we used for our website. I used a list to insert the home button, buy Products button, About us button, Site map button, Images button, Feedback form and button for the additional web page "Low Vision, Eye Investigations, Vision therapy" to the navigation bar and used Blue color for background color. For every button, I used an anchor tag to link the path of web pages. Then I used the hover effect for every button of the navigation bar and its color code is rgb (0.0.97). In the navigation bar when we clicked a button it will highlight that color code.

Next, I selected some beautiful images from "vision care" and created a collage of the main page background and add it to the style sheet, and designed the main page. Then I used a class a 'wrapper' and inserted the logo to the navigation bar. I have created the logo from "Canva".

Then for the content, I've used h1 tags for the heading and p tags for the details of the store. Then I've created a button for the quiz and styled it with some hover effects

Finally, I designed a footer for the main page and linked page editor details page using anchor tags.

Feedback Form

3. Webpage Validation Statement

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

4. Janet

The website that has been created is in compliance with the Janet Acceptable Use policy as the website does not have any impact on the performance of the network in any way, there is not copyright violation on the website as all the images and content are either original or haven't been claimed by anybody, and there is not material that is threatening, obscene, or of lilaceous nature, as all the information is about only buying and selling football equipment, and there will be no transmitting of offensive or obscene content as all the content is only about football equipment. As for Janet's Local Acceptable Use policy if all the members which created the website or are part of the organisation will sign the declaration, also the website is in compliance with the policy on advertising as there are no advertisements on the website, and there would be no problems of breaches to confidentiality as the user's data will only be held by the developers, and other issues in the Janet Security Policy so the website is in compliance with that as well, there is no security contact informed to Janet, and all the acts must be adhered to, these two are the only violations of Janet's Policies and Legal Requirements.

References

Logo image:
https://www.canva.com/design/DAEzd3fE3Xk/O3-4HHODTaK15TvRSEgQBA/edit
method:
https://www.w3schools.com/
https://www.wikipedia.com/
https://www.youtube.com/

Appendices

Appendix A: Code

Home.html

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

<head>
    <meta charset="UTF-8">
    <title>
        home Page
    </title>
    <link rel="stylesheet" href="CSS/home.css">
</head>

<body>
    <header>
        <div class="wrapper" id="nav">
            <div class="logo">
                <img src="photos/4.png" alt="">
            </div>
            <ul class="nav-area">
                <li><a href="Home.html">Home</a></li>
                <li><a href="buy products.html.html">Buy Products</a></li>
                <li><a href="Quiz.html">Quiz</a></li>
                <li><a href="sitemap.html">Site map</a></li>
                <li><a href="thumbnail.html">Images</a></li>
                <li><a href="qry.html">Feedback</a></li>
                <li><a href="Student_details.html">About us</a></li>
            </ul>
        </div>
        <div class="welcome-text">
            <h1><i>About Clear vision</i></h1>
            <p>The Clear Vision Group of Companies has built a reputation as
one of the best eye care solution providers
                in Sri Lanka by using an innovative approach and state-of-the-
art equipment to ensure that customers
                receive world-class eye care at all branches. During our
nearly 30 years of operations, we have
                successfully become the first company in Sri Lanka to bring
the local eye care industry on par with
                global standards. We have also pioneered the introduction of
the best range of eyewear brands recognized
```

```
                    globally to the local market. Our high quality, high precision
contact lenses, optical and ophthalmic
                    products are available at all Vision Care outlets.</p>
        </div>

    </header>
    <div class="row">
        <div class="column">
            <a href="eye.html"><img src="photos/eyeinves.png"></a>
        </div>
        <div class="column">
            <a href="vision.html"><img src="photos/visionthe.png"></a>
        </div>
        <div class="column">
            <a href="low.html"><img src="photos/low vis.png"></a>
        </div>
    </div>
    <div class="top">
        <button onclick="topFunction()" id="myBtn" title="Go to
top">Top</button>
    </div>
    <footer>
        <a href="prathik.html">Page Developer</a>
    </footer>

</body>
<script>
    //Get the button
    var mybutton = document.getElementById("myBtn");

    // When the user scrolls down 20px from the top of the document, show the
button
    window.onscroll = function () { scrollFunction() };

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

    // When the user clicks on the button, scroll to the top of the document
    function topFunction() {
        document.body.scrollTop = 0;
        document.documentElement.scrollTop = 0;
    }
```

```
</script>
</html>
```

Home.css

```css
* {
    margin: 0;
    padding: 0;
}

.warpper {
    width: 1170px;
    margin: auto;
}

header {
    background: url("bkrnd.jpeg");
    background-attachment: fixed;
    height: 100vh;
    -webkit-background-size: cover:
    background-size: absolute;
    background-position: right;
    position: relative;
}

.nav-area {
    float: right;
    list-style: none;
    margin-top: 30px;
}

.nav-area li {
    display: inline-block;
}

.nav-area li a {
    color: #fff;
    text-decoration: none;
    padding: 10px 20px;
    font-family: poppins;
    font-size: 16px;
}

.nav-area li a:hover {
    background: deepskyblue;
    color: #fff;
    border-radius: 100px;
```

```css
}

.logo img {
    width: 100px;
    float: left;
    height: auto;
}

.welcome-text {
    position: absolute;
    width: 600px;
    height: 300px;
    margin: 10% 20%;
    text-align: left;


}

.welcome-text h1 {
    text-align: left;
    color: #fff;
    text-transform: uppercase;
    font-size: 50px;
}

.welcome-text p {

background: rgba(0, 0, 79, 0.19);
border-radius: 16px;
box-shadow: 0 4px 30px rgba(0, 0, 0, 0.1);
backdrop-filter: blur(5.7px);
-webkit-backdrop-filter: blur(5.7px);
border: 10px solid rgba(0, 0, 79, 0.3);
line-height: 30px;
text-align: justify;
color: #ffffff;
font-size: 20px;
height: auto;
width: auto;
}


.row {
    display: flex;
}

.column {
    flex: 33.33%;
    padding: 5px;
```

```
}

.row {
    margin: auto;
    width: 70%;
    border: 10px solid #00004f;
    padding: 10px;
}

/*resposive scroll up button*/
#myBtn {
    display:none;
    position:fixed;
    bottom:20px;
    right:30px;
    z-index:99;
    font-family:Cabin Sketch;
    cursor: pointer;
    font-size:18px;
    font-weight:body;
    border:none;
    outline:none;
    background-color:#00004f;
    color:#fff;
    padding:15px;
    border-radius:20px;
}
```

qry.html

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

<head>
    <meta charset="UTF-8">
    <title>
        home Page
    </title>
    <link rel="stylesheet" href="CSS/qry.css">

</head>

<body>
    <header>
        <div class="wrapper" id="nav">
            <div class="logo">
                <img src="photos/4.png" alt="">
            </div>
```

```html
        <ul class="nav-area">
            <li><a href="Home.html">Home</a></li>
            <li><a href="buy products.html.html">Buy Products</a></li>
            <li><a href="Quiz.html">Quiz</a></li>
            <li><a href="sitemap.html">Site map</a></li>
            <li><a href="thumbnail.html">Images</a></li>
            <li><a href="qry.html">Feedback</a></li>
            <li><a href="Student_details.html">About us</a></li>
        </ul>
    </div>
    <div class="qry">
        <h1><i>Quary Form</i></h1>


        <form name="myForm" action="/action_page.php" onsubmit="return
validateForm()" method="post">

            <label for="fname"><b>First Name:</b></label><br>
            <input type="text" id="fname" name="fname" placeholder="Enter
Your First Name"><br>

            <label for="sname"><b>Surname</b></label><br>
            <input type="text" id="sname" name="sname" placeholder="Enter
Your Surname"><br>

            <label for="email"><b>Email</b></label><br>
            <input type="email" id="email" name="email" placeholder="Enter
your Email ID"><br>

            <label for="rating">How would you rate us:</label><br><br>
                <input type="radio" name="radioButton" id="rating1"
value="excellent" />Excellent
                <input type="radio" name="radioButton" id="rating2"
value="good" />Good
                <input type="radio" name="radioButton" id="rating3"
value="poor" />Poor
                <input type="radio" name="radioButton" id="rating4"
value="bad" />Bad<br><br>

                <label for="text">Any comments:</label><br><br>
                <textarea name="textarea" cols="24" rows="2"
id="comments"></textarea><br><br>



                <input type="submit" class="button" value="Submit">
                <input type="reset" class="button" value="Reset">
```

```
        </form>
    </div>
    <script src="JS/feedback.js"></script>

    </header>

    </body>
<footer>
    <a href="prathik.html">Page Developer</a>
</footer>
</html>
```

Feedback.js

```javascript
function validateForm() {
    var fn = document.forms["myForm"]["fname"].value;
    if (fn == "") {
        alert("Your feedback is incomplete. Please make sure that you have
filled your first name, surname and have given us a rating.");
        return false;
    }
    var sn = document.forms["myForm"]["sname"].value;
    if (sn == "") {
        alert("Your feedback is incomplete. Please make sure that you have
filled your first name, surname and have given us a rating.");
        return false;
    }
    var a =document.getElementById("rating1");
    var b =document.getElementById("rating2");
    var c =document.getElementById("rating3");
    var d =document.getElementById("rating4");
    if ((a.checked == false) && (b.checked == false) &&(c.checked == false) &&
(d.checked == false)){
        alert("Your feedback is incomplete. Please make sure that you have
filled your first name, surname and have given us a rating.")
        return false;
    }
    var com = document.forms["myForm"]["comments"].value;
    if (a.checked == true){
        var rating = "Excellent";
    }
    if (b.checked == true){
        var rating = "Good";
    }
    if (c.checked == true){
        var rating = "Poor";
    }
```

```javascript
    if (d.checked == true) {
        var rating = "Bad";
    }
    if ((fn!="") && (sn!="") && (com=="") && ((a.checked == true) ||
(b.checked == true) || (c.checked == true) || (d.checked == true))){
        alert("Dear "+fn+" "+sn+", Thank you very much for your feedback. You
have rated our site as "+rating+".");
        return false;
    }
    alert("Dear "+fn+" "+sn+", Thank you very much for your feedback. You have
rated our site as "+rating+" and your comment was "+com);
    return false;
}
```

Qry.css

```css
* {
    margin: 0;
    padding: 0;
}
.welcome{
    background:#00004F ;
    color:#fff;
    text-align: center;
    }

.warpper {
    width: 1170px;
    margin: auto;
}

header {
    background: url("../photos/bkrnd.jpeg");
    background-attachment:fixed ;
    height: 100vh;
    -webkit-background-size: cover;
    background-size: absolute;
    background-position: right;
    position: relative;
}

.nav-area {
    float: right;
    list-style: none;
    margin-top: 30px;
}
```

```css
.nav-area li {
    display: inline-block;
}

.nav-area li a {
    color: #fff;
    text-decoration: none;
    padding: 10px 20px;
    font-family: poppins;
    font-size: 16px;
}

.nav-area li a:hover {
    background: #00004f;
    color: #fff;
    border-radius: 100px;
}

.logo img {
    width: 100px;
    float: left;
    height: auto;
}

.qry{
    position: absolute;
    width: 600px;
    height: 300px;
    margin: 10% 20%;
    text-align: left;
}

.qry h1{
    text-align: left;
    color: #fff;
    text-transform: uppercase;
    font-size: 50px;
}

.qry form{
background: rgba(0, 0, 79, 0.19);
border-radius: 16px;
box-shadow: 0 4px 30px rgba(0, 0, 0, 0.1);
backdrop-filter: blur(5.7px);
-webkit-backdrop-filter: blur(5.7px);
border: 10px solid rgba(0, 0, 79, 0.3);
line-height: 30px;
text-align: justify;
```

```css
color: #ffffff;
font-size: 20px;
height: auto;
width: auto;
}

.button{

        background-color: #00004f;
        border-radius: 30px;
        color: white;
        padding: 15px 32px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
        font-size: 16px;
        margin: 4px 2px;
        cursor: pointer;
        ;
    }

    footer{
        font-family: Times,serif;
        width:100%;
        height: 50px;
        padding-top:15px;
        bottom:0;
        background-color:deepskyblue;
    }

    footer a{
        cursor: default;
        color:white;
        text-decoration:none;
        padding:15px 25px;
        border-radius:15px;
    }

    footer a:hover{
        transition-duration: 0.5s;
        background-color: #00004F;

    }
```

Prathik.html

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

```
<head>
    <meta charset="UTF-8">
    <title>
        home Page
    </title>
    <link rel="stylesheet" href="CSS/home.css">
</head>

<body>
    <header>
        <div class="wrapper" id="nav">
            <div class="logo">
                <img src="photos/4.png" alt="">
            </div>
            <ul class="nav-area">
                <li><a href="Home.html">Home</a></li>
                <li><a href="buy products.html.html">Buy Products</a></li>
                <li><a href="Quiz.html">Quiz</a></li>
                <li><a href="sitemap.html">Site map</a></li>
                <li><a href="thumbnail.html">Images</a></li>
                <li><a href="qry.html">Feedback</a></li>
                <li><a href="Student_details.html">About us</a></li>
            </ul>
        </div>

        <div class="welcome"><br><br><br><br><br>
            <h1><i>Prathikshan Lukneshwaran</i></h1><br><br>
            <p>IIT ID :- 20211381<br><br>
            UoW ID:- 18989542 <br><br>
            Email:- prathikshan.20211381@iit.ac.lk<br><br><br></p>
            <h2><i>Role:- Student 2</i></h2><br><br>
            <p><b><i>Task Compeleted:</i></b></p><br><br>

            <pre>1.  Main Page and Home page</pre>
            <pre>2.  Nav Bar and LogoDesigned</pre>
            <pre>3.  Query Form</pre>
            <pre>4.  Additional page</pre>
        </div>

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

Eye.html

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

<head>
```

```html
    <meta charset="UTF-8">
    <title>

    </title>
    <link rel="stylesheet" href="CSS/home.css">
</head>

<body>
    <header>
        <div class="wrapper" id="nav">
            <div class="logo">
                <img src="photos/4.png" alt="">
            </div>
            <ul class="nav-area">
                <li><a href="Home.html">Home</a></li>
                <li><a href="buy products.html.html">Buy Products</a></li>
                <li><a href="Quiz.html">Quiz</a></li>
                <li><a href="sitemap.html">Site map</a></li>
                <li><a href="thumbnail.html">Images</a></li>
                <li><a href="qry.html">Feedback</a></li>
                <li><a href="Student_details.html">About us</a></li>
            </ul>
        </div>
        <div class="welcome-text">
            <h1><i>About Eye Investigation</i></h1>

            <p>An eye examination is a series of tests performed to assess
vision and ability to focus on and discern
                objects. It also includes other tests and examinations
pertaining to the eyes. Eye examinations are
                primarily performed by an optometrist, ophthalmologist, or an
orthoptist. Health care professionals
                often recommend that all people should have periodic and
thorough eye examinations as part of routine
                primary care, especially since many eye diseases are
asymptomatic.

                Eye examinations may detect potentially treatable blinding eye
diseases, ocular manifestations of
                systemic disease, or signs of tumours or other anomalies of
the brain.

                A full eye examination consists of an external examination,
followed by specific tests for visual
                acuity, pupil function, extraocular muscle motility, visual
fields, intraocular pressure and
                ophthalmoscopy through a dilated pupil.
```

```
                </p>



            </div>
        </header>
</body>
<footer>
        <a href="prathik.html">Page Developer</a>
</footer>


</html>
```

Low.html

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

<head>
        <meta charset="UTF-8">
        <title>


        </title>
        <link rel="stylesheet" href="CSS/home.css">
</head>


<body>
        <header>
            <div class="wrapper" id="nav">
                <div class="logo">
                    <img src="photos/4.png" alt="">
                </div>
                <ul class="nav-area">
                    <li><a href="Home.html">Home</a></li>
                    <li><a href="buy products.html.html">Buy Products</a></li>
                    <li><a href="Quiz.html">Quiz</a></li>
                    <li><a href="sitemap.html">Site map</a></li>
                    <li><a href="thumbnail.html">Images</a></li>
                    <li><a href="qry.html">Feedback</a></li>
                    <li><a href="Student_details.html">About us</a></li>
                </ul>
            </div>
            <div class="welcome-text">
                <h1><i>About Low Vision</i></h1>

                <p>Low vision is both a subspeciality and a condition.
Optometrists, Opticians and Ophthalmologists after
                    their training may undergo further training in Low vision
assessment and management. There are various
```
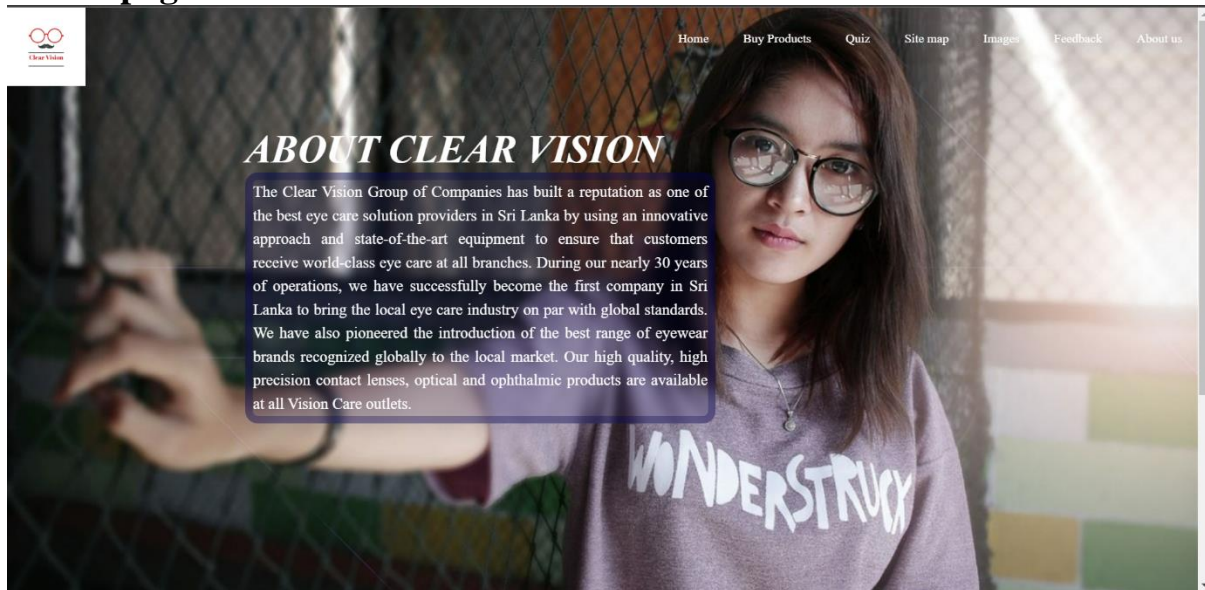
```
                  classifications for low vision, this varies from country to
country and even from state to state. It
                  must however be noted that the work of a low vision specialist
is very important as they aid individuals
                  with reduced vision even in the presence of conventional
lenses to be able to make use of their residual
                  vision. People benefitting from low vision assessment must be
motivated to make use of the residual
                  vision and must again be willing to use the various aids that
would be prescribed.


         </p>



       </div>
    </header>
</body>
<footer>
    <a href="prathik.html">Page Developer</a>
</footer>

</html>
```

Vision.html

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

<head>
    <meta charset="UTF-8">
    <title>

    </title>
    <link rel="stylesheet" href="CSS/home.css">
</head>

<body>
    <header>
        <div class="wrapper" id="nav">
            <div class="logo">
                <img src="photos/4.png" alt="">
            </div>
            <ul class="nav-area">
                <li><a href="Home.html">Home</a></li>
                <li><a href="buy products.html.html">Buy Products</a></li>
                <li><a href="Quiz.html">Quiz</a></li>
                <li><a href="sitemap.html">Site map</a></li>
                <li><a href="thumbnail.html">Images</a></li>
```

```
            <li><a href="qry.html">Feedback</a></li>
            <li><a href="Student_details.html">About us</a></li>
        </ul>
    </div>
    <div class="welcome-text">
        <h1><i>About Vision Therapy</i></h1>

        <p>Vision therapy (VT), or behavioral optometry, is an umbrella
term for alternative medicine treatments
            using eye exercises, based around the pseudoscientific claim
that vision problems are the true
            underlying cause of learning disabilities, particularly in
children.[1] Vision therapy has not been
            shown to be effective using scientific studies, except for
helping with convergence insufficiency.[2]
            Most claims—for example that the therapy can address
neurological, educational, and spatial
            difficulties—lack supporting evidence.[3] Neither the American
Academy of Pediatrics nor the American
            Academy of Ophthalmology support the use of vision therapy.

        </p>



    </div>
</header>
<footer>
    <a href="prathik.html">Page Developer</a>
</footer>
</body>

</html>
```

Appendix B: Screenshots

Home page

Page editor

feedback form

Appendix C: Screenshots - Webpage Validation Evidence

Page editor

Eye.html

Vision.html

Appendix D: Individual Statement

Student Name:	Prathikshan		Student Id:	W1898954

State what tasks you carried out in the project.

- Creating the Home page with style with CSS.
- Creating the Page editor with style CSS.
- Creating the Feedback page with java script with style CSS.

State what you enjoyed and did not enjoy about teamwork.

- Enjoyed working together with team members.
- Enjoyed researching about our website topic.
- Conducting online gatherings were difficult due to Power interruptions.
- We had to seek help through online recourses for some specific tasks.

State what you learnt about teamwork.

- Learnt to work together with team members.
- Learnt to communicate well with others.
- Got to know team members.
- Learnt to face challengers together.

State what skills you gained/learnt from undertaking the project.

- Communication skills.
- Unity
- Creativity

State any strengths about yourself that emerged whilst undertaking the project.

- Creativity
- Decision making skills

State any weaknesses about yourself that emerged whilst undertaking the project.

- Time management

State how you would do things better if you were to undertake the project again.

- Thinking about the project.
- Deciding a plan for the project.
- Getting more sources.

Additional general or project specific comments:

- This project is helpful for improve our knowledge about html and CSS and it helpful for develop out creativity.