Web Design and Development
4COSC011W

Report

Author: H.M.D.S.Herath
Student ID: 20200119

Group Number: A-3
Student Role: Student 4

Link(s) to WebSite

URL:

1. Introduction

- Our Topic,

> # Art-ish

❖ Student 01 – Anouk Udumalagala

- Task – 01 - Presentation Page
- Task – 04 - Buy Prioducts Page

❖ Student 02 – Chandeepa Gunaratne

- Task – 02 - Main Page
- Task – 03 - Query Form Page
- Task – 9a - External CSS

❖ Student 03 – Maheel Thilakarathna

- Task – 06 - Quiz Page
- Task – 08 - About Page

❖ Student 04 – Dumindu Herath

- Task – 05 - Diagram (SVG)
- Task – 07 - Thumbnail Images

❖ All students,

- Task – 9b - External CSS
- Task – 10 - Page Editor
- Task – 11 - Logo/Page Editor
- Task – 12 - Anchors

- Task – 13 - Additional Interactivity

❖ Our web course work was based on "Art". On behalf of that we chose "Painting" as a category. It's a really amazing website. We successfully completed the site as a great team.

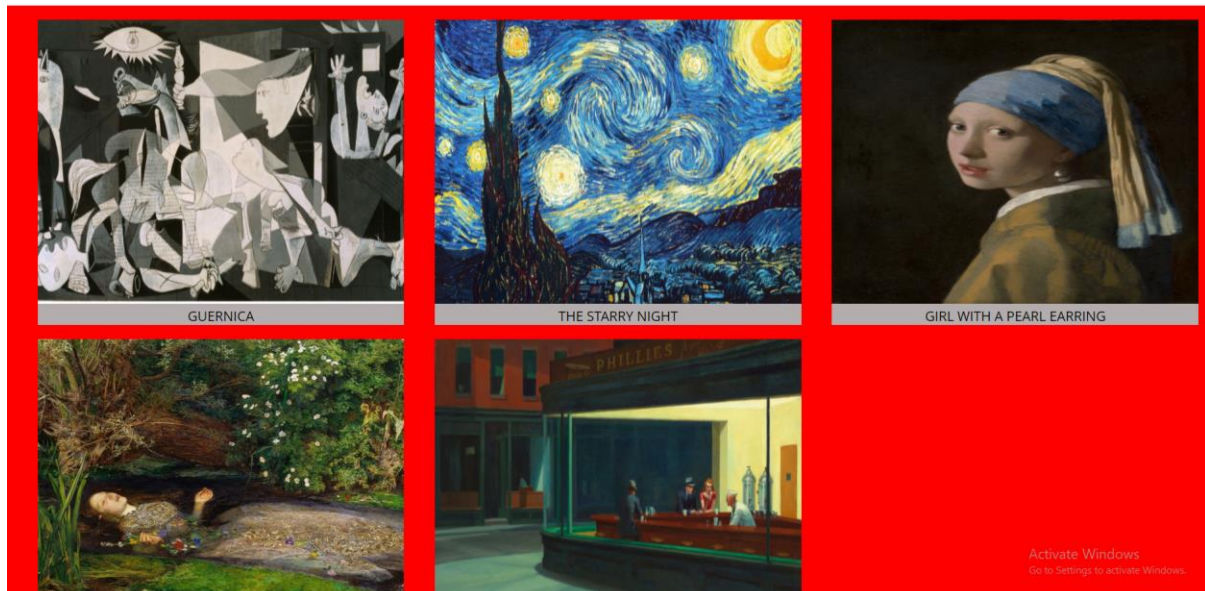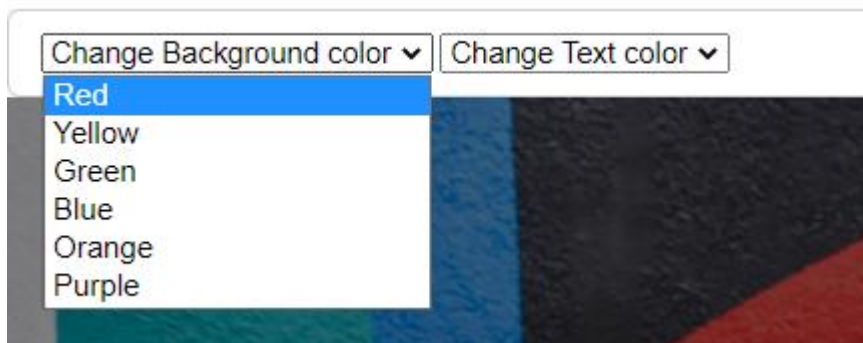| Group Coursework Meetings (minimum 6 meetings, e.g., one per week)		
1	**Date & Time**	**25-02-2022**
	Objective:	**Deciding and agreeing on a topic**
	Attended:	**All attended**
	Your Contribution:	**Help to decide a topic**
2	**Date & Time:**	**01-03-2022**
	Objective:	**Student task allocation**
	Attended:	**All attended**
	Your Contribution:	**Discussed about the tasks and chose student 4 tasks**
3	**Date & Time:**	**07-03-2022**
	Objective:	**Website planning**
	Attended:	**All attended**
	Your Contribution:	**Help to analyze the website**
4	**Date & Time:**	**14-03-2022**
	Objective:	**Deciding on content**
	Attend:	**All attended**
	Your Contribution:	**Analyzed content**
Etc….		

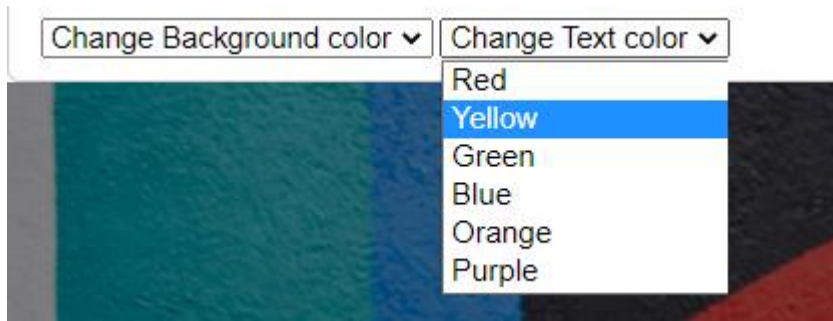## 2. Technical Discussion

ArtGallery.html

```
function changeBackgroundColor(event){
    var color = event.value;
    document.getElementById('gallery').style.backgroundColor=color;
}
function changeTextColor(event){
    var color = event.value;
    document.getElementById('gallery').style.webkitTextFillColor=color;
}
```

The 1st function is used to change the background color. And the second function is used to change the page text color. User can choose different colors by clicking over the options. I used javascript to do it, getting the element by id. I found it difficult at first by only using html and css. After that I chose to use javascript to solve it.

Here are the results.

I have used functions to each thumbnail image to show it's bigger version of the image and to show it's description. The codes are as follows.

```
function img1() {
    var newContent = `<h2>GUERNICA</h2>
    <img src="images/image1.jpg" alt="Guernica" id="displayedImage">
    <div class="desc" id="desc" >

    Pablo Picasso took on an assignment exactly eighty years ago that would forever impact both his career and the face of modern art.
    In June of 1937, the Cubist painter painted the famous Guernica picture.
    Its title refers to the same-named city, which was bombarded by Nazi planes during the Spanish Civil War, destroying three-quarters of t
    Picasso's Guernica depicted the horrors of war to their utmost and has become an international anti-war icon as a result of its uncompro
    Many art experts consider Guernica, a mural-sized oil painting, to be one of the most dramatic and powerful anti-war artworks in history
    The mural, which is 3.49 meters (11 feet 5 inches) tall and 7.76 meters (25 feet 6 inches) broad, depicts the sorrow of individuals who
    While several of Picasso's works have been hailed as masterpieces, such as Les Demoiselles d'Avignon (1907), which essentially launched

    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}
```

And the result is below.

GUERNICA

Pablo Picasso took on an assignment exactly eighty years ago that would forever impact both his career and the face of modern art. In June of 1937, the Cubist painter painted the famous Guernica picture. Its title refers to the same-named city, which was bombarded by Nazi planes during the Spanish Civil War, destroying three-quarters of the ancient town and killing and injuring hundreds of residents.

Picasso's Guernica depicted the horrors of war to their utmost and has become an international anti-war icon as a result of its uncompromising severity and accentuated by the artist's trademark visual style.

Many art experts consider Guernica, a mural-sized oil painting, to be one of the most dramatic and powerful anti-war artworks in history. The mural, which is 3.49 meters (11 feet 5 inches) tall and 7.76 meters (25 feet 6 inches) broad, depicts the sorrow of individuals who have been torn apart by violence and turmoil. While several of Picasso's works have been hailed as masterpieces, such as Les Demoiselles d'Avignon (1907), which essentially launched Western abstract painting, Guernica stands alone in the artist's illustrious career.

This is the code I used to create the go back button. When user presses the button, it will go back to the gallery page after clicking a thumbnail to see its description. See below

```
function goBack(){
var galleryContent =
`<div id="img1" class="thumbnail" onclick="img1()">
    <img src="images/image1.jpg" alt="Guernica" class="thumbnailImage">
    <div class="thumbnailName">
        Guernica <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img2" class="thumbnail" onclick="img2()">
    <img src="images/image2.jpg" alt="The Starry Night" class="thumbnailImage" >
    <div class="thumbnailName">
        The Starry Night <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img3" class="thumbnail" onclick="img3()">
    <img src="images/image3.jpg" alt="Girl with a Pearl Earring" class="thumbnailImage" >
    <div class="thumbnailName">
        Girl with a Pearl Earring <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img4" class="thumbnail" onclick="img4()">
    <img src="images/image4.jpg" alt="Ophelia" class="thumbnailImage" >
    <div class="thumbnailName">
        Ophelia <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img5" class="thumbnail" onclick="img5()">
    <img src="images/image5.jpg" alt="Nighthawks" class="thumbnailImage" >
    <div class="thumbnailName">
        Nighthawks <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>`

document.getElementById("gallery").innerHTML = galleryContent;
}
```

This is how I coded the html parts of the "change background color" and "change page text color". I used "onchange" event attribute and used the created functions to change the color when clicked.

```html
<div class="colors">
    <div class="select">
        <select name="selectBackgroundColor" onchange="changeBackgroundColor(this)">
            <option selected hidden>Change Background color</option>
            <option value="red">Red</option>
            <option value="yellow">Yellow</option>
            <option value="green">Green</option>
            <option value="blue">Blue</option>
            <option value="orange">Orange</option>
            <option value="purple">Purple</option>
        </select>
        <select name="selectTextColor" onchange="changeTextColor(this)">
            <option selected hidden>Change Text color</option>
            <option value="red">Red</option>
            <option value="yellow">Yellow</option>
            <option value="green">Green</option>
            <option value="blue">Blue</option>
            <option value="orange">Orange</option>
            <option value="purple">Purple</option>
        </select>
    </div>
</div>
```

This is the code I used to create the gallery with all the images. I used "onclick" and the function to show the image when clicked. 1 example shown below.

```html
<div id="gallery">
    <div id="img1" class="thumbnail" onclick="img1()">
        <img src="images/image1.jpg" alt="Guernica" class="thumbnailImage">
        <div class="thumbnailName">
            Guernica <br> <br>
            <div class="hidden">--Click to see the story--</div>
        </div>
    </div>
```

svg.html

```html
<body>
    <svg id="svg" height="800" width="100%">
        <a href="mainPage.html">
            <g id="home">
                <rect x="4%" y="30" height="70" width="93%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="50" x="50%" y="10%" font-family="'Open Sans', sans-serif" text-anchor="middle">Home</text>
            </g>
        </a>
```

This is how I created the svg diagram. I used svg tag inside the body tag and linked each page into an <a> tag. Created rectangles for each item using the "rect" attributes. Did the same for the text as well. Also created lines to connect each item.

Example:

3. Webpage Validation Statement

All the web pages validated without errors..

4. Janet

Janet rules and regulations were used to create this web site. Janet was set up to assist Janet users of the transmission of erroneous or invasive information, and is required to comply with a properly implemented research project. Under these circumstances, the organization must obtain Janet's approval prior to the commencement of the operation and understand the responsibility for legal impediments to ensure compliance with them.

This web page was developed by me and my group members as a team..

References

https://www.w3schools.com/
https://stackoverflow.com
https://www.geeksforgeeks.org

Appendices

Appendix A: Code

artGallery.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="query_form.css">
    <script defer src="query_form.js"></script>
    <script src="artGallery.js"></script>
    <link rel="stylesheet" href="artGallery.css">
    <title>Art Gallery</title>
</head>
<body id="body">
    <header>
        <div class="logo">
            <h3>Art-ish</h3>
        </div>
        <div class="navbar">
            <nav>
                <ul class="nav_bar">
                    <li>
                        <a href="mainPage.html">Home</a>
                    </li>

                    <li>
                        <a href="#gallery">Gallery</a>
                    </li>

                    <li>
                        <a href="#quiz">Shop</a>
                    </li>

                    <li>
                        <a href="#svg">Exhibition</a>
                    </li>

                    <li>
                        <a href="#shop">Quiz</a>
                    </li>

                    <li>
                        <a href="#svg">Site-Map</a>
                    </li>
                     <li>
                         <a href="#about">About Us</a>
                     </li>

                </ul>
            </nav>
        </div>
    <div class="contactBtn">
        <button type="button" class="contactUs" ><a href="query_form.html">Contact us</a></button>
    </div>
    </header>
    <div class="colors">
        <div class="select">
            <select name="selectBackgroundColor" onchange="changeBackgroundColor(this)">
                <option selected hidden>Change Background color</option>
                <option value="red">Red</option>
                <option value="yellow">Yellow</option>
                <option value="green">Green</option>
                <option value="blue">Blue</option>
                <option value="orange">Orange</option>
                <option value="purple">Purple</option>
            </select>
            <select name="selectTextColor" onchange="changeTextColor(this)">
                <option selected hidden>Change Text color</option>
                <option value="red">Red</option>
                <option value="yellow">Yellow</option>
                <option value="green">Green</option>
                <option value="blue">Blue</option>
                <option value="orange">Orange</option>
                <option value="purple">Purple</option>
            </select>
        </div>
    </div>


    <div id="mainimage">
        <img src="images/bgimage.jpg" alt="paint" class="mainimage">
        <div class="mainText">
            Art Gallery
        </div>
    </div>

    <div id="gallery">
```

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```html
            <div class="mainText">
                Art Gallery
            </div>
        </div>

    <div id="gallery">
        <div id="img1" class="thumbnail" onclick="img1()">
            <img src="images/image1.jpg" alt="Guernica" class="thumbnailImage">
            <div class="thumbnailName">
                Guernica <br> <br>
                <div class="hidden">--Click to see the story--</div>
            </div>
        </div>
        <div id="img2" class="thumbnail" onclick="img2()">
            <img src="images/image2.jpg" alt="The Starry Night" class="thumbnailImage" >
            <div class="thumbnailName">
                The Starry Night <br> <br>
                <div class="hidden">--Click to see the story--</div>
            </div>
        </div>
        <div id="img3" class="thumbnail" onclick="img3()">
            <img src="images/image3.jpg" alt="Girl with a Pearl Earring" class="thumbnailImage" >
            <div class="thumbnailName">
                Girl with a Pearl Earring <br> <br>
                <div class="hidden">--Click to see the story--</div>
            </div>
        </div>
        <div id="img4" class="thumbnail" onclick="img4()">
            <img src="images/image4.jpg" alt="Ophelia" class="thumbnailImage" >
            <div class="thumbnailName">
                Ophelia <br> <br>
                <div class="hidden">--Click to see the story--</div>
            </div>
        </div>
        <div id="img5" class="thumbnail" onclick="img5()">
            <img src="images/image5.jpg" alt="Nighthawks" class="thumbnailImage" >
            <div class="thumbnailName">
                Nighthawks <br> <br>
                <div class="hidden">--Click to see the story--</div>
            </div>
        </div>
    </div>
</div>
<div class="footer">
    <div class="footer-content">

        <div class="footer-section abt">
          <div class="logo">
            <h1 style="text-align: center;" id="footer-head">Art-ish</h1>
          </div>

          <p id="footer-text">Copyright MT© 2022 Digital AG,<br> All rights reserved.<br>

          </p>
        </div>

        <div class="footer-section links">
          <h4>Quick Links</h4>
          <ul style="margin-left:120px">
            <li><a class="flinks" href="https://w1872042.users.ecs.westminster.ac.uk/singtourist.html">Home</a></li>
            <li><a class="flinks" href="https://w1872042.users.ecs.westminster.ac.uk/Buy_Products.html">Shop</a></li>
            <li><a class="flinks" href="https://w1869934.users.ecs.westminster.ac.uk/Quiz.html">Quiz</a></li>
            <li><a class="flinks" href="https://w1868419.users.ecs.westminster.ac.uk/gallery.html">Gallery</a></li>
          </ul>
        </div>

        <div class="footer-section links">
          <h4>More</h4>
          <ul style="margin-left:145px">
            <li><a class="flinks" href="https://w1869934.users.ecs.westminster.ac.uk/About.html">About us</a></li>
            <li><a class="flinks" href="https://w1867407.users.ecs.westminster.ac.uk/Feedback.html">Content</a></li>
            <li><a class="flinks" href="https://w1868419.users.ecs.westminster.ac.uk/svg.html">Site Map</a></li>
          </ul>
        </div>

        <div class="footer-section links">
          <h4>Our Socials</h4>
          <ul style="margin-left:120px">
            <li><a class="flinks" href="https://www.facebook.com/"><i class="fab fa-facebook-square" aria-hidden="true"> Facebook</i></a></li>
            <li><a class="flinks" href="https://www.instagram.com/"><i class="fab fa-instagram" aria-hidden="true"> Instagram</i></a></li>
            <li><a class="flinks" href="https://www.youtube.com/"><i class="fab fa-youtube" aria-hidden="true"> Youtube</i></a></li>
            <li><a class="flinks" href="https://twitter.com/"><i class="fab fa-twitter" aria-hidden="true"> Twitter</i></a></li>
          </ul>
        </div>
```

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```
      </div>

      <div class="footer-bottom">
        <p id="footer-bottom-text">MT0 Art-ish.com | Page Edited by<span id="page-editor" onclick="openNav()"> Dumindu Herath </span></p>
      </div>

  </div>

  <div id="myNav" class="overlay">
  <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">Click To Back</a>
  <div class="overlay-content">
    <img src="images/Dumindu.jpeg" alt="Dumindu"><br>
    <h1 id="page-editor-name">Dumindu Herath</h1><br>
    <p id="page-editor-details">Student No 4<br>
      IIT ID: 20200119<br>
      UoW ID: w1868419<br>
    </p>
                <br>
                <dl class="page-editor-details" style="margin-left:-40px">
      <dt></dt>
        <dd> List Of Tasks Completed: </dd>
        <dd> Task 05 - Diagram(SVG) </dd>
        <dd> Task 07 - Thumbnail Images </dd>
        <dd> Common Task 09b, 10, 11, 12, 13 </dd>
        <dd></dd>
        <dd> Pages validated with no errors </dd>
        <dd> Uploaded to University Server </dd>
        </dl>
    </div>
  </div>

  <script>
    function openNav() {
      document.getElementById("myNav").style.width = "100%";
    }

    function closeNav() {
      document.getElementById("myNav").style.width = "0%";
    }
  </script>

</body>
```

artGallery.css

```css
*{
    padding: 0;
    margin: 0;
}
header{
    top: 0;
    left: 0;
    width: 100%;
    box-shadow: 0 1px 4px □hsl(0 4% 15%/10%);
}

/* logo section */
.logo{
    font-size: 14px;
    margin-left: 16px;
    color: □black;
    float: left;
    left: 10px; top: 18px;
    text-transform: uppercase;
}

/* navigation bar */
ul.nav_bar{
    list-style-type: none;
    margin-right: 4px;
    padding: 2px;
    display: inline-block;
    font-size: 15px;
    /* float: right; */
}

.navbar{
    text-align: center;
}

li {
    float: left;
    padding: 10px;
    position: relative;
}

.navbar a {
    position: relative;
    display: block;
```

```css
.navbar a {
    position: relative;
    display: block;
    cursor: pointer;
    padding: 10px;
    color: □black;
    text-decoration: none;
}

/* navigation bar hover animations start */
li:hover{
    color: □black;
    text-decoration: none;
}
li:before, li:after{
    content: '';
    width: 0;
    height: 2px;
    bottom: -2px;
    background: □black;
}
li:before{
    left:0;
}

li:after{
    background: □black;
    right: 0;
    transition: width 0.5s cubic-bezier(0.23, 0.62, 0.38, 1);
}

li:hover::before{
    background: □black;
    width: 100%;
    transition: width 0.5s cubic-bezier(0.23, 0.62, 0.38, 1);
}

li:hover:after{
    background: transparent;
    width: 100%;
    transition: 0s;
}
/* navigation bar hover animations end */
```

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```css
/* contact us button settings and hover animations start*/
.contactUs{
    float: right;
    margin-top: -72px;
    font-size: 14px;
    background-color: ☐black;
    margin-right: 32px ;
    /* border: none; */
    border: 0.5px solid ☐black;
    padding: 15px;
    border-radius: 4px;
    transition: 0.8s;
}

.contactUs a{
    text-decoration: none;
    color: ■#fff;
}

.contactUs:hover{
    background-color:■#fff;
    cursor: pointer;

}
.contactUs a:hover{
    color: ☐black;
}

.contactUs::before{
    top:0; bottom: 0; right: 0;
  height: 100%; width: 100%;
  opacity: 1;
}

/* The whole navigation bar and animations: end */

.colors{
    font-size: 13px;
    padding: 10px 8px 10px 14px;
    background: ■#fff;
    border: 1px solid ■#ccc;
    border-radius: 6px;
    position: relative;
   }
#mainimage{
    background-color: ☐black;
}
.mainimage{
    width: 100%;
    height: auto;
    opacity: .5;
}
.mainText {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-70%, -80%);
    font-size: 90px;
    color: ■white;
    font-family: 'Open Sans', sans-serif;
}

#gallery{
    background-color: ■white;
    width: 100%;
    height: 900px;
    border-top: solid 5px ■white;
    bottom: 150px;
    z-index: 2;
}
.thumbnail{
    width: 30%;
    height: 430px;
    float: left;
    background-color: ■white;
    margin-left: 2.5%;
    margin-top: 20px;
    background-color: ■rgb(179, 173, 173);
    transition: .5s;
}
.thumbnailImage{
    width: 100%;
    height: 400px;
    transition: 0.5s ease;
}

.thumbnailName{
```

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```css
.thumbnailName{
    font-family: 'Open Sans', sans-serif;
    text-align: center;
    font-size: 19px;
    transition: .5s;
    text-transform: uppercase;
}
.hidden{
    visibility: hidden;
    transition: .2s ;
}
.thumbnail:hover {
    transform: scale(1.08);
    position: relative;
    z-index: 100;
    opacity: 1;
    background-color:   #0ee320;
    cursor: pointer;
}
.thumbnail:hover .thumbnailName {
    transform: translateY(-35px);
    background-color:  #0ee320;
}
.thumbnail:hover .hidden{
    visibility: visible;
    transform: translateY(10px);
    background-color:  rgb(184, 193, 86);
}

#displayedImage{
    width: 45%;
    margin-left: 5%;
    float: left;
}
#desc{
    width: 40%;
    float: left;
    padding: 1% 5%;
    font-size: 17px;
    height: 600px;
    font-family: sans-serif;
    overflow-y: scroll;
    overflow-x: hidden;
}
 h2{
    font-family: 'Open Sans', sans-serif;
    padding: 20px 60px;
    font-size: 30px;
 }
#gobackIcon{
    font-family: 'Open Sans', sans-serif;
    background-color:  grey;
    font-size: 20px;
    float: right;
    padding: 5px 7px;
    margin-top: 35px;
    transition: .5s;
    border-bottom:  rgb(116, 115, 115) solid 3px;
    border-right:  rgb(116, 115, 115) solid 3px;
}
#gobackIcon:hover{
    background-color:  #0ee320;
    transform: scale(1.1);
    cursor: pointer;
}
.footer {
  background:  #303036;
  color:  #d3d3d3;
  height: 250px;
  position: relative;
  bottom:0;
  left:0;
  width:100%;
  opacity: 97%;
}

.footer .footer-content {
  border: 1px  black;
  height: 250px;
  display:flex;
}

.footer .footer-content .footer-section {
  flex: 1;
}

.footer .footer-bottom {
```

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```css
.footer .footer-bottom {
  background: #343a40;
  color: #686868;
  height: 40px;
  width: 100%;
  text-align: center;
  position: absolute;
  bottom: 0px;
  left: 0px;
  padding-top: 0px;
}

.flinks {
  text-align: center;
  font-family: 'Lexend Zetta', sans-serif;
  list-style: none;
  color: white;
  font-size: 12px;
  text-decoration: none;
  letter-spacing: 1px;
  padding: 4px 5px;
}

#footer-text {
  text-align: center;
  font-family: 'Exo 2', sans-serif;
  list-style: none;
  color: white;
  font-size: 16px;
  text-decoration: none;
  letter-spacing: 1px;
  padding: 4px 5px;
  opacity: 50%;
  margin-left: 20px;
  margin-top: 15px;
}

#footer-bottom-text {
  margin-top: 10px;
  font-size: 18px;
  color: #9ea8a1;
}
#footer-head {
  margin-top: 10px;
  margin-left: 20px;
  font-family: 'Work Sans', sans-serif;
}
.overlay {
  height: 100%;
  width: 0;
  position: fixed;
  z-index: 1;
  top: 0;
  left: 0;
  background-color: rgb(0,0,0);
  background-color: rgba(0,0,0, 0.9);
  overflow-x: hidden;
  transition: 5s;
}

.overlay-content {
    position: relative;
    top: 15%;
    width: 100%;
    text-align: center;
    margin-top: 20px;
    color: grey;
    font-size:20px;
}

.overlay a {
    padding: 8px;
    text-decoration: none;
    font-size: 36px;
    color: #818181;
    display: block;
    transition: 0.3s;
}

.overlay a:hover, .overlay a:focus {
    color: #f22222;
}

.overlay .closebtn {
    position: absolute;
    top: 20px;
```

```css
.overlay .closebtn {
    position: absolute;
    top: 20px;
    right: 45px;
    font-size: 60px;
}

@media screen and (max-height: 450px) {
    .overlay a {
        font-size: 20px;
    }

    .overlay .closebtn {
        font-size: 40px;
        top: 15px;
        right: 35px;
    }
}

.overlay img{
    height:250px;
    width:250px;
    border-radius:50%;
    display:block;
    margin-left:auto;
    margin-right:auto;
    padding:5px;
}

#page-editor {
    font-family: 'Lexend Zetta', sans-serif;
    font-size: 14px;
    cursor: pointer;
    color: #fffb00;
}

#page-editor-name {
    font-family: 'Lexend Zetta', sans-serif;
    font-size: 18px;
    color: orange;
    text-align: center;
}

.floating-btn1 {
    border-radius: 28px;
    background-color: #ff5500;
    border: 1px solid #001F61;
    box-shadow: 0 15px 21px -18px #03153B;
    color: #fff;
    cursor: pointer;
    font-size: 17px;
    line-height: 21px;
    padding: 13px 21px;
    position: fixed;
    bottom: 21px;
    right: 21px;
    z-index: 998;
}

.floating-btn1:hover {
    background-color: #ffffff;
    color: #001F61;
}

.floating-btn1:focus {
    outline: none;
}

h4 {
    font-family: montserrat;
    text-align: center;
    margin-top: 12px;
    color: #db5400;
    font-family: 'Lexend Zetta', sans-serif;
}
```

artGallery.js

```javascript
function changeBackgroundColor(event){
    var color = event.value;
    document.getElementById('gallery').style.backgroundColor=color;
}
function changeTextColor(event){
    var color = event.value;
    document.getElementById('gallery').style.webkitTextFillColor=color;
}
function img1() {
    var newContent = `<h2>GUERNICA</h2>
    <img src="images/image1.jpg" alt="Guernica" id="displayedImage">
    <div class="desc" id="desc" >

    Pablo Picasso took on an assignment exactly eighty years ago that would forever impact both his career and the face of modern art.
    In June of 1937, the Cubist painter painted the famous Guernica picture.
    Its title refers to the same-named city, which was bombarded by Nazi planes during the Spanish Civil War, destroying three-quarters of the
    Picasso's Guernica depicted the horrors of war to their utmost and has become an international anti-war icon as a result of its uncompromi
    Many art experts consider Guernica, a mural-sized oil painting, to be one of the most dramatic and powerful anti-war artworks in history.
    The mural, which is 3.49 meters (11 feet 5 inches) tall and 7.76 meters (25 feet 6 inches) broad, depicts the sorrow of individuals who ha
    While several of Picasso's works have been hailed as masterpieces, such as Les Demoiselles d'Avignon (1907), which essentially launched We

    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}

function img2() {
    var newContent = `<h2>THE STARRY NIGHT</h2>
    <img src="images/image2.jpg" alt="The Starry Night" id="displayedImage">
    <div class="desc" id="desc">

    Starry Night was painted by Van Gogh about thirteen months before his death in 1889.
    He was in an institution in Saint-Remy, France, at the time, and his conduct was particularly unpredictable owing to his violent attacks.
    The scene from his asylum room window is thought to be shown in Starry Night.<br><br>
    'We may succeed in producing a more fascinating and soothing nature than we can detect with a single sight of reality,' Van Gogh stated,
    expressing his intention to paint a canvas from imagination, believing that this would add more value to the painting.
    The artist described the motif as "a starry night with cypresses or maybe above a field of ripe wheat" in a letter to his brother Theo.
    Van Gogh's aim to paint from memory was realized in Starry Night, which may explain why it has a stronger emotional effect than other work
    The night sky in Van Gogh's painting is overflowing with vitality, which contrasts with the quiet town below.
    In Starry Night, he displays a village that he created, and the church spire reminds him of his country, the Netherlands.<br><br>
    In the left foreground, Van Gogh incorporates a cypress tree, which is commonly seen in cemeteries and is connected with melancholy.
    This tree connects earth and sky, which may symbolize the artist's personal beliefs on mortality, namely that death is the last goal of l
    Van Gogh's persistent concern with death and the hereafter appears to be reflected in Starry Night.<br><br>
function img2() {
    var newContent = `<h2>THE STARRY NIGHT</h2>
    <img src="images/image2.jpg" alt="The Starry Night" id="displayedImage">
    <div class="desc" id="desc">

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    He was in an institution in Saint-Remy, France, at the time, and his conduct was particularly unpredictable owing to his violent attacks.
    The scene from his asylum room window is thought to be shown in Starry Night.<br><br>
    'We may succeed in producing a more fascinating and soothing nature than we can detect with a single sight of reality,' Van Gogh stated,
    expressing his intention to paint a canvas from imagination, believing that this would add more value to the painting.
    The artist described the motif as "a starry night with cypresses or maybe above a field of ripe wheat" in a letter to his brother Theo.
    Van Gogh's aim to paint from memory was realized in Starry Night, which may explain why it has a stronger emotional effect than other works
    The night sky in Van Gogh's painting is overflowing with vitality, which contrasts with the quiet town below.
    In Starry Night, he displays a village that he created, and the church spire reminds him of his country, the Netherlands.<br><br>
    In the left foreground, Van Gogh incorporates a cypress tree, which is commonly seen in cemeteries and is connected with melancholy.
    This tree connects earth and sky, which may symbolize the artist's personal beliefs on mortality, namely that death is the last goal of lif
    Van Gogh's persistent concern with death and the hereafter appears to be reflected in Starry Night.<br><br>
    With Starry Night, van Gogh abandons the typical Impressionist relationship with nature in favor of a sense of impatience.
    His whirling brush strokes create the idea that this picture is always in motion, and his palette is far more bright than in previous works
    It is said that van Gogh was the first artist to paint these midnight views firsthand, and that in order to do so, he used to tie lights an
    Van Gogh is also said to have worked on the Starry Night painting for three nights, and his attitude was that the night was more alive than
    Because van Gogh was in an institution at the time he painted Starry Night, doubts regarding his mental state have arisen, leaving Starry N
    Van Gogh's desire to aid the needy and his former religious commitment are mentioned in one narrative.
    The eleven visible stars are said to be tied to a chapter from Genesis, and the church spire is said to be linked to the text.
    This picture, on the other hand, was a chance for van Gogh to prove his ability as an artist by competing with the work of painters such as
    With its distinct style, Starry Night is a well-known picture that has inspired poetry, fiction, and music, notably Don McLean's renowned s
    The painting is now housed in New York City's Museum of Modern Art (MoMA).

    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}

function img3() {
    var newContent = `<h2>GIRL WITH A PEARL EARRING</h2>
    <img src="images/image3.jpg" alt="Girl with a Pearl Earring" id='displayedImage'>
    <div class="desc" id="desc">

    Vermeer's Girl with a Pearl Earring is a dazzling study of a female head that has been dubbed the Dutch Mona Lisa due to the mysterious loo
    The painting's major focus point is a pearl earring, which is generally regarded for its excellent depiction of light and shadow interplay.
    Girl With a Pearl Earring tells the story of Griet, a 16-year-old Dutch girl, becomes a maid at the house of the painter Johannes Vermeer.
    Her calm and insightful demeanor not only aids her in her domestic responsibilities, but also draws the attention of the painter.
    Despite their differences in upbringing, education, and social status, they have a similar outlook on life.
```

```javascript
function img3() {
    var newContent = `<h2>GIRL WITH A PEARL EARRING</h2>
    <img src="images/image3.jpg" alt="Girl with a Pearl Earring" id='displayedImage'>
    <div class="desc" id="desc">

    Vermeer's Girl with a Pearl Earring is a dazzling study of a female head that has been dubbed the Dutch Mona Lisa due to the mysterious lo
    The painting's major focus point is a pearl earring, which is generally regarded for its excellent depiction of light and shadow interplay
    Girl With a Pearl Earring tells the story of Griet, a 16-year-old Dutch girl, becomes a maid at the house of the painter Johannes Vermeer.
    Her calm and insightful demeanor not only aids her in her domestic responsibilities, but also draws the attention of the painter.
    Despite their differences in upbringing, education, and social status, they have a similar outlook on life.
    Slowly, Vermeer brings her into the world of his paintings, which feature quiet, bright pictures of lone women in home situations.<br><br>
    Griet must find a place for herself in a chaotic Catholic family governed by Vermeer's turbulent wife Catharina, his astute mother-in-law
    Cornelia, a cheeky six-year-old who sees more than she should, leads the home of six children (and counting).<br><br>
    Griet, who is on the point of becoming a woman, is also dealing with the mounting attentions of a local butcher and Vermeer's patron, the
    And she has to navigate this weird new world outside of the beloved Protestant family she grew up in, which has been shattered by accident
    As Griet becomes more involved in her master's job, their developing connection causes discord and jealously inside the orderly family, as

    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}
function img4() {
    var newContent = `<h2>OPHELIA</h2>
    <img src="images/image4.jpg" alt="Ophelia" id="displayedImage">
    <div class="desc" id="desc">

    Sir John Everett Millais painted Ophelia in two different places in 1851 and 1852.
    It's one of the most well-known Pre-Raphaelite paintings in the Tate's collection.
    The picture was given to Henry Tate in 1894 as part of the original Henry Tate Gift.
    One of the most well-known pictures from Shakespeare's play Hamlet is Millais' depiction of Ophelia's terrible demise as she falls into th
    Ophelia is a character in William Shakespeare's Hamlet.
    When her father, Polonius, is murdered by her lover, Hamlet, she becomes insane.
    She passes away when still very young, afflicted by sadness and insanity. The events depicted in Millais' Ophelia do not occur on stage.
    In a dialogue between Queen Gertrude and Ophelia's brother Laertes, they are instead mentioned.
    Ophelia went into the river while collecting flowers and slowly perished while singing, according to Gertrude.

    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}
function img5() {
    var newContent = `<h2>NIGHTHAWKS</h2>
    <img src="images/image5.jpg" alt="Nighthawks" id="displayedImage">
function img5() {
    var newContent = `<h2>NIGHTHAWKS</h2>
    <img src="images/image5.jpg" alt="Nighthawks" id="displayedImage">
    <div class="desc" id="desc">

    'Nighthawks,' by Edward Hopper, is widely regarded as one of America's most renowned paintings of the twentieth century.
    The picture shows a late-night scene inside the 'Phillies' cafe, with four unknown figures: two men, one lady, and a bartender.
    'Nighthawks' is sometimes seen as a modern-day investigation of human existentialism and loneliness.
    The viewer's actual distance from the inside scenario, which is divided by a bending glass façade with no visible entry, reflects the characters' sense of distanc
    "Unconsciously, possibly, I was painting the loneliness of a huge metropolis," Hopper claimed of the picture, despite the fact that it does not particularly tackl
    According to Hopper's wife (Josephine), "Nighthawks" was completed in January 1942 and promptly sold to the Art Institute of Chicago, where it is still on display
    It was painted immediately before the attack of Pearl Harbour, when the prospect of being bombed in New York was extremely real.
    As a result, the picture is seen as a depiction of wartime estrangement. The painting's bright light is generated by fluorescent lamps in the cafe that leak out i
    In the 1940s, fluorescent aughts were becoming increasingly fashionable, thus this vista would have appeared to be rather contemporary. The painting's green tones
    Other people have hypothesized about the painting's inspirations, including Gail Levin, Hopper's biographer.
    Hopper was inspired by Vincent van Gogh's 'Café Terrace at Night,' which was shown in New York in January 1942 and which Hopper very probably saw.
```

```javascript
function goBack(){
var galleryContent =
`<div id="img1" class="thumbnail" onclick="img1()">
    <img src="images/image1.jpg" alt="Guernica" class="thumbnailImage">
    <div class="thumbnailName">
        Guernica <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img2" class="thumbnail" onclick="img2()">
    <img src="images/image2.jpg" alt="The Starry Night" class="thumbnailImage" >
    <div class="thumbnailName">
        The Starry Night <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img3" class="thumbnail" onclick="img3()">
    <img src="images/image3.jpg" alt="Girl with a Pearl Earring" class="thumbnailImage" >
    <div class="thumbnailName">
        Girl with a Pearl Earring <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img4" class="thumbnail" onclick="img4()">
    <img src="images/image4.jpg" alt="Ophelia" class="thumbnailImage" >
    <div class="thumbnailName">
        Ophelia <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>
<div id="img5" class="thumbnail" onclick="img5()">
    <img src="images/image5.jpg" alt="Nighthawks" class="thumbnailImage" >
    <div class="thumbnailName">
        Nighthawks <br> <br>
        <div class="hidden">--Click to see the story--</div>
    </div>
</div>`

document.getElementById("gallery").innerHTML = galleryContent;
}
```

svg.html

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="query_form.css">
    <script defer src="query_form.js"></script>
    <title>Site-Map</title>
    <link rel="stylesheet" href="svg.css">
</head>
<body>
    <svg id="svg" height="800" width="100%">
        <a href="mainPage.html">
            <g id="home">
                <rect x="4%" y="30" height="70" width="93%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="50" x="50%" y="10%" font-family="'Open Sans', sans-serif" text-anchor="middle">Home</text>
            </g>
        </a>

        <g id="line1">
            <line x1='50%' y1='100' x2='50%' y2='130' stroke="black" stroke-width="2" fill="none" />
        </g>

        <a href="artGallery.html">
            <g id="gallery">
                <rect x="5.3%" y="19%" height="60" width="12%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="30" x="11%" y="24%" font-family="'Open Sans', sans-serif" text-anchor="middle">Gallery</text>
                <line x1='11%' y1='130' x2='11%' y2='150' stroke="black" stroke-width="2" fill="none" />
            </g>
        </a>
        <g id="line2">
            <line x1='11%' y1='130' x2='89%' y2='130' stroke="black" stroke-width="2" fill="none" />
        </g>

        <a href="Quiz.html">
            <g id="quiz">
                <rect x="18.3%" y="19%" height="60" width="12%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="30" x="24%" y="24%" font-family="'Open Sans', sans-serif" text-anchor="middle">Quiz</text>
                <line x1='24%' y1='130' x2='24%' y2='150' stroke="black" stroke-width="2" fill="none" />
            </g>
        </a>
        </a>

        <a href="">
            <g id="site">
                <rect x="31.3%" y="19%" height="60" width="12%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="30" x="37.2%" y="24%" font-family="'Open Sans', sans-serif" text-anchor="middle">Site-Map</text>
                <line x1='37%' y1='130' x2='37%' y2='150' stroke="black" stroke-width="2" fill="none" />
            </g>
        </a>
        <a href="">
            <g id="shop">
                <rect x="44.3%" y="19%" height="60" width="12%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="30" x="50.3%" y="24%" font-family="'Open Sans', sans-serif" text-anchor="middle">Shop</text>
                <line x1='50%' y1='130' x2='50%' y2='150' stroke="black" stroke-width="2" fill="none" />
            </g>
        </a>

        <a href="query_form.html">
            <g id="query">
                <rect x="57.3%" y="19%" height="60" width="12%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="30" x="63.2%" y="24%" font-family="'Open Sans', sans-serif" text-anchor="middle">Query Form</text
                <line x1='63%' y1='130' x2='63%' y2='150' stroke="black" stroke-width="2" fill="none" />
            </g>
        </a>
        <a href="About.html">
            <g id="about">
                <rect x="70.3%" y="19%" height="60" width="12%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="30" x="76.2%" y="24%" font-family="'Open Sans', sans-serif" text-anchor="middle">About Us</text>
                <line x1='76%' y1='130' x2='76%' y2='150' stroke="black" stroke-width="2" fill="none" />
            </g>
        </a>

        <a href="content.html">
            <g id="content">
                <rect x="83.3%" y="19%" height="60" width="12%" stroke="black" fill="black" stroke-width="2" />
                <text fill="white" font-size="30" x="89%" y="24%" font-family="'Open Sans', sans-serif" text-anchor="middle">Content</text>
                <line x1='89%' y1='130' x2='89%' y2='150' stroke="black" stroke-width="2" fill="none" />
            </g>
        </a>
    </svg>
</body>
</html>
```

21

svg.css

```css
body {
    background-image: url(Images/b1.jpg);
    background-color: #cccccc;
    width: 100%;
    margin: 0px;
    font-family: 'Open Sans', sans-serif;
    letter-spacing: 2px;

}

#home:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#home:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}
#home:active rect{
    fill: black;
}

#home:active text{
    fill: white;
}

#gallery:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}
#gallery:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#gallery:hover line {
    stroke: white;
    transition: .3s;

}

#gallery:active rect{
    fill: black;
}


#gallery:active text{
    fill: white;
}

#quiz:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#quiz:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}
```

22

```css
#quiz:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#quiz:active rect{
    fill: black;
}

#quiz:active text{
    fill: white;
}

#site:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#site:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#site:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#site:active rect{
    fill: black;
}
#site:active text{
    fill: white;
}

#shop:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#shop:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#shop:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#shop:active rect{
    fill: black;
}

#shop:active text{
    fill: white;
}
```

23

```css
#query:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#query:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#query:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#query:active rect{
    fill: black;
}

#query:active text{
    fill: white;
}

#about:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#about:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#about:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#about:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#about:active rect{
    fill: black;
}

#about:active text{
    fill: white;
}

#content:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}
```

```css
#content:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#content:hover line {
    stroke: white;
    transition: .3s;

}

#content:active rect{
    fill: black;
}

#content:active text{
    fill: white;
}
```
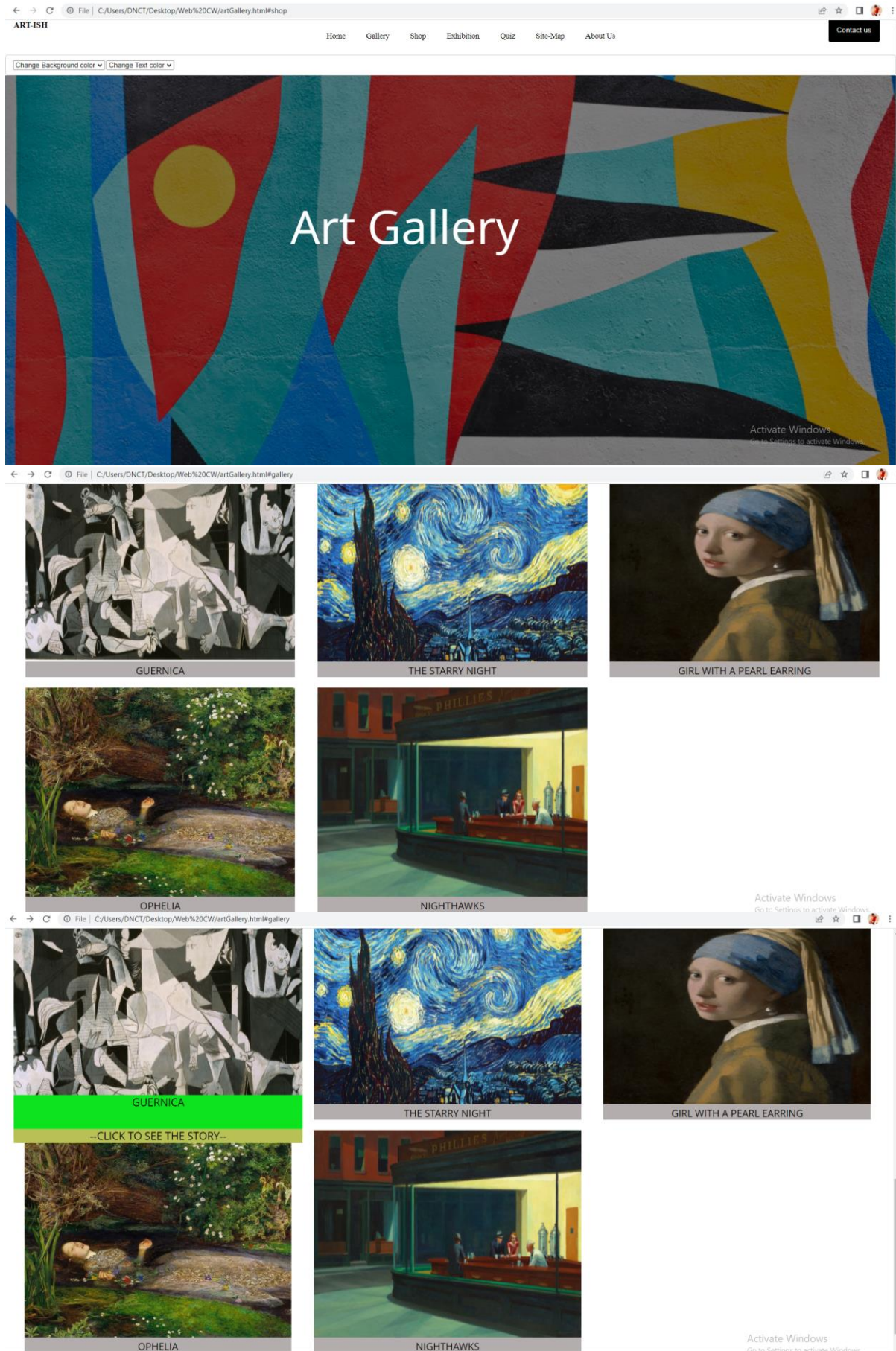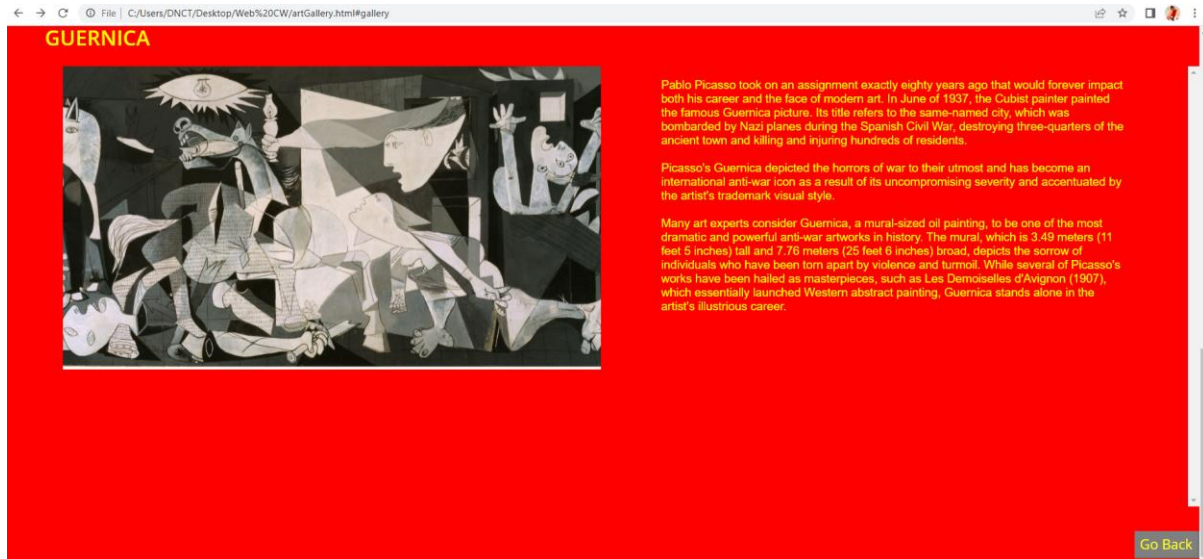
Appendix B: Screenshots

artGallery

svg

All codes

 artgallery.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="query_form.css">
    <script defer src="query_form.js"></script>
    <script src="artGallery.js"></script>
    <link rel="stylesheet" href="DurtGallery.css">
    <title>Art Gallery</title>
</head>
```

```html
<body id="body">
   <header>
      <div class="logo">
         <h3>Art-ish</h3>
      </div>
      <div class="navbar">
         <nav>
            <ul class="nav_bar">
               <li>
                  <a href="mainPage.html">Home</a>
               </li>

               <li>
                  <a href="#gallery">Gallery</a>
               </li>

               <li>
                  <a href="#quiz">Shop</a>
               </li>

               <li>
                  <a href="#svg">Exhibition</a>
               </li>

               <li>
                  <a href="#shop">Quiz</a>
               </li>

               <li>
                  <a href="#svg">Site-Map</a>
               </li>

               <li>
                  <a href="#about">About Us</a>
               </li>

            </ul>
         </nav>
      </div>
   <div class="contactBtn">
      <button type="button" class="contactUs" ></button>
         <a href="query_form.html">Contact us</a>
   </div>
   </header>
   <div class="colors">
      <div class="select">
         <select name="selectBackgroundColor" onchange="changeBackgroundColor(this)">
            <option selected hidden>Change Background color</option>
            <option value="red">Red</option>
            <option value="yellow">Yellow</option>
            <option value="green">Green</option>
            <option value="blue">Blue</option>
            <option value="orange">Orange</option>
            <option value="purple">Purple</option>
         </select>
```
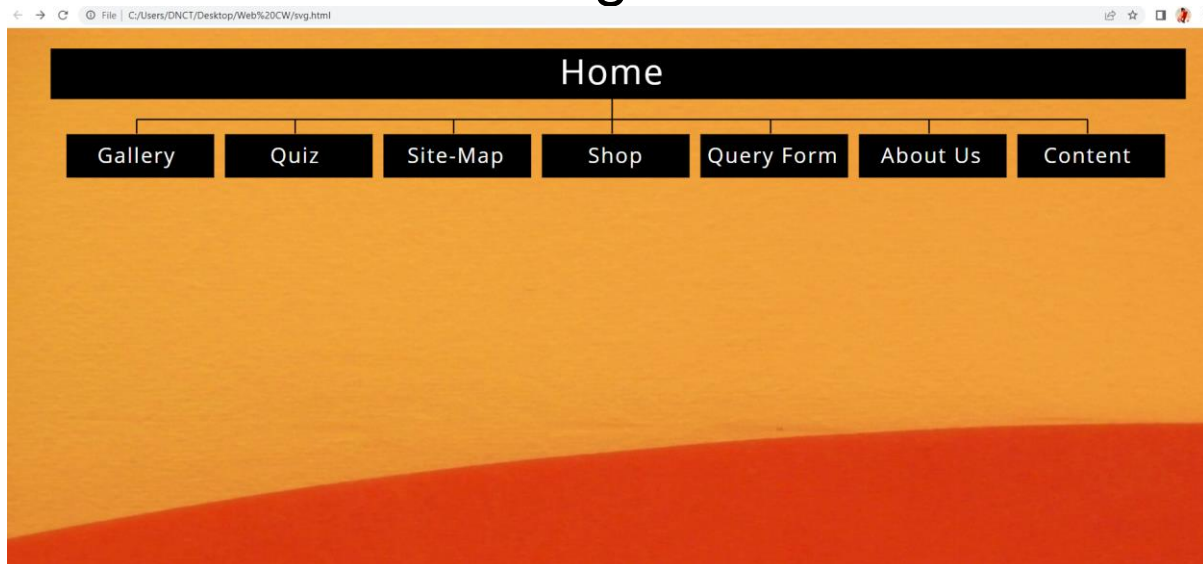
```html
      <select name="selectTextColor" onchange="changeTextColor(this)">
        <option selected hidden>Change Text color</option>
        <option value="red">Red</option>
        <option value="yellow">Yellow</option>
        <option value="green">Green</option>
        <option value="blue">Blue</option>
        <option value="orange">Orange</option>
        <option value="purple">Purple</option>
      </select>
    </div>
  </div>


  <div id="mainimage">
    <img src="images/bgimage.jpg" alt="paint" class="mainimage">
    <div class="mainText">
      Art Gallery
    </div>
  </div>

  <div id="gallery">
    <div id="img1" class="thumbnail" onclick="img1()">
      <img src="images/image1.jpg" alt="Guernica" class="thumbnailImage">
      <div class="thumbnailName">
        Guernica <br> <br>
        <div class="hidden">--Click to see the story--</div>
      </div>
    </div>
    <div id="img2" class="thumbnail" onclick="img2()">
      <img src="images/image2.jpg" alt="The Starry Night" class="thumbnailImage" >
      <div class="thumbnailName">
        The Starry Night <br> <br>
        <div class="hidden">--Click to see the story--</div>
      </div>
    </div>
    <div id="img3" class="thumbnail" onclick="img3()">
      <img src="images/image3.jpg" alt="Girl with a Pearl Earring" class="thumbnailImage"
>
      <div class="thumbnailName">
        Girl with a Pearl Earring <br> <br>
        <div class="hidden">--Click to see the story--</div>
      </div>
    </div>
    <div id="img4" class="thumbnail" onclick="img4()">
      <img src="images/image4.jpg" alt="Ophelia" class="thumbnailImage" >
      <div class="thumbnailName">
        Ophelia <br> <br>
        <div class="hidden">--Click to see the story--</div>
      </div>
    </div>
    <div id="img5" class="thumbnail" onclick="img5()">
      <img src="images/image5.jpg" alt="Nighthawks" class="thumbnailImage" >
      <div class="thumbnailName">
        Nighthawks <br> <br>
        <div class="hidden">--Click to see the story--</div>
```

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```
          </div>
        </div>
    </div>
    <div class="footer">
      <div class="footer-content">

        <div class="footer-section abt">
          <div class="logo">
            <h1 style="text-align: center;" id="footer-head">Art-ish</h1>
          </div>

          <p id="footer-text">Copyright MT© 2022 Digital AG,<br> All rights reserved.<br>

          </p>
        </div>

        <div class="footer-section links">
          <h4>Quick Links</h4>
          <ul style="margin-left:120px">
            <li><a class="flinks"
href="https://w1872042.users.ecs.westminster.ac.uk/singtourist.html">Home</a></li>
            <li><a class="flinks"
href="https://w1872042.users.ecs.westminster.ac.uk/Buy_Products.html">Shop</a></li>
            <li><a class="flinks"
href="https://w1869934.users.ecs.westminster.ac.uk/Quiz.html">Quiz</a></li>
            <li><a class="flinks"
href="https://w1868419.users.ecs.westminster.ac.uk/gallery.html">Gallery</a></li>
          </ul>
        </div>

        <div class="footer-section links">
          <h4>More</h4>
          <ul style="margin-left:145px">
            <li><a class="flinks"
href="https://w1869934.users.ecs.westminster.ac.uk/About.html">About us</a></li>
            <li><a class="flinks"
href="https://w1867407.users.ecs.westminster.ac.uk/Feedback.html">Content</a></li>
            <li><a class="flinks"
href="https://w1868419.users.ecs.westminster.ac.uk/svg.html">Site Map</a></li>
          </ul>
        </div>

        <div class="footer-section links">
          <h4>Our Socials</h4>
          <ul style="margin-left:120px">
            <li><a class="flinks" href="https://www.facebook.com/"><i class="fab fa-facebook-
square" aria-hidden="true"> Facebook</i></a></li>
            <li><a class="flinks" href="https://www.instagram.com/"><i class="fab fa-instagram"
aria-hidden="true"> Instagram</i></a></li>
            <li><a class="flinks" href="https://www.youtube.com/"><i class="fab fa-youtube"
aria-hidden="true"> Youtube</i></a></li>
            <li><a class="flinks" href="https://twitter.com/"><i class="fab fa-twitter" aria-
hidden="true"> Twitter</i></a></li>
          </ul>
        </div>
```

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```html
      </div>

      <div class="footer-bottom">
        <p id="footer-bottom-text">MT© Art-ish.com | Page Edited by<span id="page-editor"
onclick="openNav()"> Dumindu Herath </span></p>
      </div>

    </div>

    <div id="myNav" class="overlay">
    <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">Click To Back</a>
    <div class="overlay-content">
      <img src="images/Dumindu.jpeg" alt="Dumindu"><br>
      <h1 id="page-editor-name">Dumindu Herath</h1><br>
      <p id="page-editor-details">Student No 4<br>
        IIT ID: 20200119<br>
        UoW ID: w1868419<br>
      </p>
              <br>
              <dl class="page-editor-details" style="margin-left:-40px">
        <dt></dt>
          <dd> List Of Tasks Completed: </dd>
          <dd> Task 05 - Diagram(SVG) </dd>
          <dd> Task 07 - Thumbnail Images </dd>
          <dd> Common Task 09b, 10, 11, 12, 13 </dd>
          <dd></dd>
          <dd> Pages validated with no errors </dd>
          <dd> Uploaded to University Server </dd>
          </dl>
      </div>
    </div>

    <script>
     function openNav() {
       document.getElementById("myNav").style.width = "100%";
     }

     function closeNav() {
       document.getElementById("myNav").style.width = "0%";
     }
    </script>

</body>
</html>
```

artGallery.css

```css
*{
   padding: 0;
   margin: 0;
}
header{
   top: 0;
   left: 0;
```

```css
    width: 100%;
    box-shadow: 0 1px 4px hsl(0 4% 15%/10%);
}

/* logo section */
.logo{
    font-size: 14px;
    margin-left: 16px;
    color: black;
    float: left;
    left: 10px; top: 18px;
    text-transform: uppercase;
}

/* navigation bar */
ul.nav_bar{
    list-style-type: none;
    margin-right: 4px;
    padding: 2px;
    display: inline-block;
    font-size: 15px;
    /* float: right; */
}

.navbar{
    text-align: center;
}

li {
    float: left;
    padding: 10px;
    position: relative;
}

.navbar a {
    position: relative;
    display: block;
    cursor: pointer;
    padding: 10px;
    color: black;
    text-decoration: none;
}

/* navigation bar hover animations start */
li:hover{
    color: black;
    text-decoration: none;
}
li:before, li:after{
    content: '';
    width: 0;
    height: 2px;
    bottom: -2px;
    background: black;
}
```

```css
li:before{
    left:0;
}

li:after{
    background: black;
    right: 0;
    transition: width 0.5s cubic-bezier(0.23, 0.62, 0.38, 1);
}

li:hover::before{
    background: black;
    width: 100%;
    transition: width 0.5s cubic-bezier(0.23, 0.62, 0.38, 1);
}

li:hover:after{
    background: transparent;
    width: 100%;
    transition: 0s;
}
/* navigation bar hover animations end */

/* contact us button settings and hover animations start*/
.contactUs{
    float: right;
    margin-top: -72px;
    font-size: 14px;
    background-color: black;
    margin-right: 32px ;
    /* border: none; */
    border: 0.5px solid black;
    padding: 15px;
    border-radius: 4px;
    transition: 0.8s;
}

.contactUs a{
    text-decoration: none;
    color: #fff;
}

.contactUs:hover{
    background-color:#fff;
    cursor: pointer;

}
.contactUs a:hover{
    color: black;
}

.contactUs::before{
    top:0; bottom: 0; right: 0;
  height: 100%; width: 100%;
  opacity: 1;
```

```css
}

/* The whole navigation bar and animations: end */

.colors{
    font-size: 13px;
    padding: 10px 8px 10px 14px;
    background: #fff;
    border: 1px solid #ccc;
    border-radius: 6px;
    position: relative;
 }

#mainimage{
    background-color: black;
}
.mainimage{
    width: 100%;
    height: auto;
    opacity: .5;
}
.mainText {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-70%, -80%);
    font-size: 90px;
    color: white;
    font-family: 'Open Sans', sans-serif;
}

#gallery{
    background-color: white;
    width: 100%;
    height: 900px;
    border-top: solid 5px white;
    bottom: 150px;
    z-index: 2;
}
.thumbnail{
    width: 30%;
    height: 430px;
    float: left;
    background-color: white;
    margin-left: 2.5%;
    margin-top: 20px;
    background-color: rgb(179, 173, 173);
    transition: .5s;
}
.thumbnailImage{
    width: 100%;
    height: 400px;
    transition: 0.5s ease;
}
```

```
.thumbnailName{
   font-family: 'Open Sans', sans-serif;
   text-align: center;
   font-size: 19px;
   transition: .5s;
   text-transform: uppercase;
}
.hidden{
   visibility: hidden;
   transition: .2s ;
}
.thumbnail:hover {
   transform: scale(1.08);
   position: relative;
   z-index: 100;
   opacity: 1;
   background-color:  #0ee320;
   cursor: pointer;
}
.thumbnail:hover .thumbnailName {
   transform: translateY(-35px);
   background-color: #0ee320;
}
.thumbnail:hover .hidden{
   visibility: visible;
   transform: translateY(10px);
   background-color: rgb(184, 193, 86);
}

#displayedImage{
   width: 45%;
   margin-left: 5%;
   float: left;
}
#desc{
   width: 40%;
   float: left;
   padding: 1% 5%;
   font-size: 17px;
   height: 600px;
   font-family: sans-serif;
   overflow-y: scroll;
   overflow-x: hidden;
}
h2{
   font-family: 'Open Sans', sans-serif;
   padding: 20px 60px;
   font-size: 30px;
}
#gobackIcon{
   font-family: 'Open Sans', sans-serif;
   background-color: grey;
   font-size: 20px;
   float: right;
   padding: 5px 7px;
```

```css
    margin-top: 35px;
    transition: .5s;
    border-bottom: rgb(116, 115, 115) solid 3px;
    border-right: rgb(116, 115, 115) solid 3px;
}
#gobackIcon:hover{
    background-color: #0ee320;
    transform: scale(1.1);
    cursor: pointer;
}
.footer {
  background: #303036;
  color: #d3d3d3;
  height: 250px;
  position: relative;
  bottom:0;
  left:0;
  width:100%;
  opacity: 97%;
}

.footer .footer-content {
  border: 1px black;
  height: 250px;
  display:flex;
}

.footer .footer-content .footer-section {
  flex: 1;
}

.footer .footer-bottom {
  background: #343a40;
  color: #686868;
  height: 40px;
  width: 100%;
  text-align: center;
  position: absolute;
  bottom: 0px;
  left: 0px;
  padding-top: 0px;
}

.flinks {
  text-align: center;
  font-family: 'Lexend Zetta', sans-serif;
  list-style: none;
  color: white;
  font-size: 12px;
  text-decoration: none;
  letter-spacing: 1px;
  padding: 4px 5px;
}

#footer-text {
```

```
  text-align: center;
  font-family: 'Exo 2', sans-serif;
  list-style: none;
  color: white;
  font-size: 16px;
  text-decoration: none;
  letter-spacing: 1px;
  padding: 4px 5px;
  opacity: 50%;
  margin-left: 20px;
  margin-top: 15px;
}

#footer-bottom-text {
  margin-top: 10px;
  font-size: 18px;
  color: #9ea8a1;
}

#footer-head {
  margin-top: 10px;
  margin-left: 20px;
  font-family: 'Work Sans', sans-serif;
}
.overlay {
  height: 100%;
  width: 0;
  position: fixed;
  z-index: 1;
  top: 0;
  left: 0;
  background-color: rgb(0,0,0);
  background-color: rgba(0,0,0, 0.9);
  overflow-x: hidden;
  transition: 5s;
}

.overlay-content {
        position: relative;
        top: 15%;
        width: 100%;
        text-align: center;
        margin-top: 20px;
        color: grey;
        font-size:20px;
}

.overlay a {
        padding: 8px;
        text-decoration: none;
        font-size: 36px;
        color: #818181;
        display: block;
        transition: 0.3s;
}
```

```css
.overlay a:hover, .overlay a:focus {
        color: #f22222;
}

.overlay .closebtn {
        position: absolute;
        top: 20px;
        right: 45px;
        font-size: 60px;
}

@media screen and (max-height: 450px) {
        .overlay a {
                font-size: 20px;
        }

        .overlay .closebtn {
                font-size: 40px;
                top: 15px;
                right: 35px;
        }
}

.overlay img{
        height:250px;
        width:250px;
        border-radius:50%;
        display:block;
        margin-left:auto;
        margin-right:auto;
        padding:5px;
}

#page-editor {
        font-family: 'Lexend Zetta', sans-serif;
        font-size: 14px;
        cursor: pointer;
        color: #fffb00;
}

#page-editor-name {
  font-family: 'Lexend Zetta', sans-serif;
  font-size: 18px;
  color: orange;
  text-align: center;
}

#page-editor-details {
  font-family: 'Lexend Zetta', sans-serif;
  font-size: 14px;
  color: orange;
  text-align: center;
}
```

```css
.floating-btn1 {
  border-radius: 28px;
  background-color: #ff5500;
  border: 1px solid #001F61;
  box-shadow: 0 15px 21px -18px #03153B;
  color: #fff;
  cursor: pointer;
  font-size: 17px;
  line-height: 21px;
  padding: 13px 21px;
  position: fixed;
  bottom: 21px;
  right: 21px;
  z-index: 998;
}

.floating-btn1:hover {
  background-color: #ffffff;
  color: #001F61;
}

.floating-btn1:focus {
  outline: none;
}

h4 {
  font-family: montserrat;
  text-align: center;
  margin-top: 12px;
  color: #db5400;
  font-family: 'Lexend Zetta', sans-serif;
}
```

artGallery.js

```js
function changeBackgroundColor(event){
    var color = event.value;
    document.getElementById('gallery').style.backgroundColor=color;
}
function changeTextColor(event){
    var color = event.value;
    document.getElementById('gallery').style.webkitTextFillColor=color;
}
function img1() {
    var newContent = `<h2>GUERNICA</h2>
    <img src="images/image1.jpg" alt="Guernica" id="displayedImage">
    <div class="desc" id="desc" >
```

Pablo Picasso took on an assignment exactly eighty years ago that would forever impact both his career and the face of modern art.

In June of 1937, the Cubist painter painted the famous Guernica picture.

Its title refers to the same-named city, which was bombarded by Nazi planes during the Spanish Civil War, destroying three-quarters of the ancient town and killing and injuring hundreds of residents.

Picasso's Guernica depicted the horrors of war to their utmost and has become an international anti-war icon as a result of its uncompromising severity and accentuated by the artist's trademark visual style.

Many art experts consider Guernica, a mural-sized oil painting, to be one of the most dramatic and powerful anti-war artworks in history.

The mural, which is 3.49 meters (11 feet 5 inches) tall and 7.76 meters (25 feet 6 inches) broad, depicts the sorrow of individuals who have been torn apart by violence and turmoil.

While several of Picasso's works have been hailed as masterpieces, such as Les Demoiselles d'Avignon (1907), which essentially launched Western abstract painting, Guernica stands alone in the artist's illustrious career.

```
</div>
<div id="gobackIcon" onclick="goBack()">Go Back</div>`
document.getElementById('gallery').innerHTML = newContent
}

function img2() {
var newContent = `<h2>THE STARRY NIGHT</h2>
<img src="images/image2.jpg" alt="The Starry Night" id="displayedImage">
<div class="desc" id="desc">
```

Starry Night was painted by Van Gogh about thirteen months before his death in 1889.

He was in an institution in Saint-Remy, France, at the time, and his conduct was particularly unpredictable owing to his violent attacks.

The scene from his asylum room window is thought to be shown in Starry Night.

'We may succeed in producing a more fascinating and soothing nature than we can detect with a single sight of reality,' Van Gogh stated,

expressing his intention to paint a canvas from imagination, believing that this would add more value to the painting.

The artist described the motif as "a starry night with cypresses or maybe above a field of ripe wheat" in a letter to his brother Theo.

Van Gogh's aim to paint from memory was realized in Starry Night, which may explain why it has a stronger emotional effect than other works he created at the period.

The night sky in Van Gogh's painting is overflowing with vitality, which contrasts with the quiet town below.

In Starry Night, he displays a village that he created, and the church spire reminds him of his country, the Netherlands.

In the left foreground, Van Gogh incorporates a cypress tree, which is commonly seen in cemeteries and is connected with melancholy.

This tree connects earth and sky, which may symbolize the artist's personal beliefs on mortality, namely that death is the last goal of life's journey.

Van Gogh's persistent concern with death and the hereafter appears to be reflected in Starry Night.

With Starry Night, van Gogh abandons the typical Impressionist relationship with nature in favor of a sense of impatience.

His whirling brush strokes create the idea that this picture is always in motion, and his palette is far more bright than in previous works.

It is said that van Gogh was the first artist to paint these midnight views firsthand, and that in order to do so, he used to tie lights around his hat to see.

Van Gogh is also said to have worked on the Starry Night painting for three nights, and his attitude was that the night was more alive than the day.

Because van Gogh was in an institution at the time he painted Starry Night, doubts regarding his mental state have arisen, leaving Starry Night open to interpretation in terms of meaning and importance.

Van Gogh's desire to aid the needy and his former religious commitment are mentioned in one narrative.

The eleven visible stars are said to be tied to a chapter from Genesis, and the church spire is said to be linked to the text.

This picture, on the other hand, was a chance for van Gogh to prove his ability as an artist by competing with the work of painters such as Gauguin and Bernard.

With its distinct style, Starry Night is a well-known picture that has inspired poetry, fiction, and music, notably Don McLean's renowned song "Vincent" or "Starry, Starry Night."

The painting is now housed in New York City's Museum of Modern Art (MoMA).

```
    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}

function img3() {
    var newContent = `<h2>GIRL WITH A PEARL EARRING</h2>
    <img src="images/image3.jpg" alt="Girl with a Pearl Earring" id='displayedImage'>
    <div class="desc" id="desc">
```

Vermeer's Girl with a Pearl Earring is a dazzling study of a female head that has been dubbed the Dutch Mona Lisa due to the mysterious look of its main subject.

The painting's major focus point is a pearl earring, which is generally regarded for its excellent depiction of light and shadow interplay.

Girl With a Pearl Earring tells the story of Griet, a 16-year-old Dutch girl, becomes a maid at the house of the painter Johannes Vermeer.

Her calm and insightful demeanor not only aids her in her domestic responsibilities, but also draws the attention of the painter.

Despite their differences in upbringing, education, and social status, they have a similar outlook on life.

Slowly, Vermeer brings her into the world of his paintings, which feature quiet, bright pictures of lone women in home situations.

Griet must find a place for herself in a chaotic Catholic family governed by Vermeer's turbulent wife Catharina, his astute mother-in-law Maria Thins, and their passionately loyal maid Tanneke, in contrast to her work in her master's studio.

Cornelia, a cheeky six-year-old who sees more than she should, leads the home of six children (and counting).

Griet, who is on the point of becoming a woman, is also dealing with the mounting attentions of a local butcher and Vermeer's patron, the affluent van Ruijven.

And she has to navigate this weird new world outside of the beloved Protestant family she grew up in, which has been shattered by accident and death.

As Griet becomes more involved in her master's job, their developing connection causes discord and jealously inside the orderly family, as well as waves in the wider world as the scandal spreads.

```
    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}
function img4() {
    var newContent = `<h2>OPHELIA</h2>
    <img src="images/image4.jpg" alt="Ophelia" id="displayedImage">
    <div class="desc" id="desc">
```

Sir John Everett Millais painted Ophelia in two different places in 1851 and 1852.

It's one of the most well-known Pre-Raphaelite paintings in the Tate's collection.
The picture was given to Henry Tate in 1894 as part of the original Henry Tate Gift.
One of the most well-known pictures from Shakespeare's play Hamlet is Millais' depiction of Ophelia's terrible demise as she falls into the water and drowns.

Ophelia is a character in William Shakespeare's Hamlet.
When her father, Polonius, is murdered by her lover, Hamlet, she becomes insane.
She passes away when still very young, afflicted by sadness and insanity. The events depicted in Millais' Ophelia do not occur on stage.
In a dialogue between Queen Gertrude and Ophelia's brother Laertes, they are instead mentioned.
Ophelia went into the river while collecting flowers and slowly perished while singing, according to Gertrude.

```
    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}
function img5() {
    var newContent = `<h2>NIGHTHAWKS</h2>
    <img src="images/image5.jpg" alt="Nighthawks" id="displayedImage">
    <div class="desc" id="desc">
```

'Nighthawks,' by Edward Hopper, is widely regarded as one of America's most renowned paintings of the twentieth century.
The picture shows a late-night scene inside the 'Phillies' cafe, with four unknown figures: two men, one lady, and a bartender.
'Nighthawks' is sometimes seen as a modern-day investigation of human existentialism and loneliness.
The viewer's actual distance from the inside scenario, which is divided by a bending glass façade with no visible entry, reflects the characters' sense of distance and alienation from one another.
"Unconsciously, possibly, I was painting the loneliness of a huge metropolis," Hopper claimed of the picture, despite the fact that it does not particularly tackle loneliness.

According to Hopper's wife (Josephine), "Nighthawks" was completed in January 1942 and promptly sold to the Art Institute of Chicago, where it is still on display today.
It was painted immediately before the attack of Pearl Harbour, when the prospect of being bombed in New York was extremely real.
As a result, the picture is seen as a depiction of wartime estrangement. The painting's bright light is generated by fluorescent lamps in the cafe that leak out into the nighttime street.
In the 1940s, fluorescent aughts were becoming increasingly fashionable, thus this vista would have appeared to be rather contemporary. The painting's green tones add to the work's eerie look.
Other people have hypothesized about the painting's inspirations, including Gail Levin, Hopper's biographer.
Hopper was inspired by Vincent van Gogh's 'Café Terrace at Night,' which was shown in New York in January 1942 and which Hopper very probably saw.

```
    </div>
    <div id="gobackIcon" onclick="goBack()">Go Back</div>`
    document.getElementById('gallery').innerHTML = newContent
}
function goBack(){
var galleryContent =
`<div id="img1" class="thumbnail" onclick="img1()">
```

```html
        <img src="images/image1.jpg" alt="Guernica" class="thumbnailImage">
        <div class="thumbnailName">
            Guernica <br> <br>
            <div class="hidden">--Click to see the story--</div>
        </div>
    </div>
    <div id="img2" class="thumbnail" onclick="img2()">
        <img src="images/image2.jpg" alt="The Starry Night" class="thumbnailImage" >
        <div class="thumbnailName">
            The Starry Night <br> <br>
            <div class="hidden">--Click to see the story--</div>
        </div>
    </div>
    <div id="img3" class="thumbnail" onclick="img3()">
        <img src="images/image3.jpg" alt="Girl with a Pearl Earring" class="thumbnailImage" >
        <div class="thumbnailName">
            Girl with a Pearl Earring <br> <br>
            <div class="hidden">--Click to see the story--</div>
        </div>
    </div>
    <div id="img4" class="thumbnail" onclick="img4()">
        <img src="images/image4.jpg" alt="Ophelia" class="thumbnailImage" >
        <div class="thumbnailName">
            Ophelia <br> <br>
            <div class="hidden">--Click to see the story--</div>
        </div>
    </div>
    <div id="img5" class="thumbnail" onclick="img5()">
        <img src="images/image5.jpg" alt="Nighthawks" class="thumbnailImage" >
        <div class="thumbnailName">
            Nighthawks <br> <br>
            <div class="hidden">--Click to see the story--</div>
        </div>
    </div>`

document.getElementById("gallery").innerHTML = galleryContent;
}
```

 svg.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="query_form.css">
    <script defer src="query_form.js"></script>
    <title>Site-Map</title>
    <link rel="stylesheet" href="svg.css">
</head>
<body>
    <svg id="svg" height="800" width="100%">
        <a href="mainPage.html">
            <g id="home">
```

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```
        <rect x="4%" y="30" height="70" width="93%" stroke="black" fill="black" stroke-
width="2" />
        <text fill="white" font-size="50" x="50%" y="10%" font-family="'Open Sans', sans-
serif" text-anchor="middle">Home</text>
      </g>
    </a>

    <g id="line1">
        <line x1='50%' y1='100' x2='50%' y2='130' stroke="black" stroke-width="2" fill="none"
/>
    </g>

    <a href="artGallery.html">
      <g id="gallery">
        <rect x="5.3%" y="19%" height="60" width="12%" stroke="black" fill="black"
stroke-width="2" />
        <text fill="white" font-size="30" x="11%" y="24%" font-family="'Open Sans', sans-
serif" text-anchor="middle">Gallery</text>
        <line x1='11%' y1='130' x2='11%' y2='150' stroke="black" stroke-width="2"
fill="none" />
      </g>
    </a>
    <g id="line2">
        <line x1='11%' y1='130' x2='89%' y2='130' stroke="black" stroke-width="2" fill="none"
/>
    </g>

    <a href="Quiz.html">
      <g id="quiz">
        <rect x="18.3%" y="19%" height="60" width="12%" stroke="black" fill="black"
stroke-width="2" />
        <text fill="white" font-size="30" x="24%" y="24%" font-family="'Open Sans', sans-
serif" text-anchor="middle">Quiz</text>
        <line x1='24%' y1='130' x2='24%' y2='150' stroke="black" stroke-width="2"
fill="none" />
      </g>
    </a>

    <a href="">
      <g id="site">
        <rect x="31.3%" y="19%" height="60" width="12%" stroke="black" fill="black"
stroke-width="2" />
        <text fill="white" font-size="30" x="37.2%" y="24%" font-family="'Open Sans',
sans-serif" text-anchor="middle">Site-Map</text>
        <line x1='37%' y1='130' x2='37%' y2='150' stroke="black" stroke-width="2"
fill="none" />
      </g>
    </a>
    <a href="shop.html">
      <g id="shop">
        <rect x="44.3%" y="19%" height="60" width="12%" stroke="black" fill="black"
stroke-width="2" />
        <text fill="white" font-size="30" x="50.3%" y="24%" font-family="'Open Sans',
sans-serif" text-anchor="middle">Shop</text>
```

```
            <line x1='50%' y1='130' x2='50%' y2='150' stroke="black" stroke-width="2"
fill="none" />
        </g>
    </a>

    <a href="query_form.html">
        <g id="query">
            <rect x="57.3%" y="19%" height="60" width="12%" stroke="black" fill="black"
stroke-width="2" />
            <text fill="white" font-size="30" x="63.2%" y="24%" font-family="'Open Sans',
sans-serif" text-anchor="middle">Query Form</text>
            <line x1='63%' y1='130' x2='63%' y2='150' stroke="black" stroke-width="2"
fill="none" />
        </g>
    </a>
    <a href="About.html">
        <g id="about">
            <rect x="70.3%" y="19%" height="60" width="12%" stroke="black" fill="black"
stroke-width="2" />
            <text fill="white" font-size="30" x="76.2%" y="24%" font-family="'Open Sans',
sans-serif" text-anchor="middle">About Us</text>
            <line x1='76%' y1='130' x2='76%' y2='150' stroke="black" stroke-width="2"
fill="none" />
        </g>
    </a>

    <a href="content.html">
        <g id="content">
            <rect x="83.3%" y="19%" height="60" width="12%" stroke="black" fill="black"
stroke-width="2" />
            <text fill="white" font-size="30" x="89%" y="24%" font-family="'Open Sans', sans-
serif" text-anchor="middle">Content</text>
            <line x1='89%' y1='130' x2='89%' y2='150' stroke="black" stroke-width="2"
fill="none" />
        </g>
    </a>
    </svg>
</body>
</html>
```

svg.css

```
body {
    background-image: url(Images/b1.jpg);
    background-color: #cccccc;
    width: 100%;
    margin: 0px;
    font-family: 'Open Sans', sans-serif;
    letter-spacing: 2px;

}

#home:hover rect {
    fill: white;
    opacity:1;
```

```css
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#home:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}
#home:active rect{
    fill: black;
}

#home:active text{
    fill: white;
}

#gallery:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#gallery:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#gallery:hover line {
    stroke: white;
    transition: .3s;

}

#gallery:active rect{
    fill: black;
}


#gallery:active text{
    fill: white;
}
```

```
#quiz:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#quiz:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#quiz:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#quiz:active rect{
    fill: black;
}

#quiz:active text{
    fill: white;
}

#site:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#site:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#site:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
```

```css
    transform-origin:top;
}

#site:active rect{
    fill: black;
}

#site:active text{
    fill: white;
}

#shop:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#shop:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#shop:hover line {
    stroke: white;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#shop:active rect{
    fill: black;
}

#shop:active text{
    fill: white;
}

#query:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#query:hover text {
    fill: black;
```

```
       opacity:1;
       cursor: pointer;
       transition: .3s;
       transform:scale(1.009);
       transform-origin:top;
}

#query:hover line {
       stroke: white;
       transition: .3s;
       transform:scale(1.009);
       transform-origin:top;
}

#query:active rect{
       fill: black;
}

#query:active text{
       fill: white;
}

#about:hover rect {
       fill: white;
       opacity:1;
       cursor: pointer;
       transition: .3s;
       transform:scale(1.009);
       transform-origin:top;
}

#about:hover text {
       fill: black;
       opacity:1;
       cursor: pointer;
       transition: .3s;
       transform:scale(1.009);
       transform-origin:top;
}

#about:hover line {
       stroke: white;
       transition: .3s;
       transform:scale(1.009);
       transform-origin:top;
}

#about:active rect{
       fill: black;
}

#about:active text{
       fill: white;
}
```

```
#content:hover rect {
    fill: white;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#content:hover text {
    fill: black;
    opacity:1;
    cursor: pointer;
    transition: .3s;
    transform:scale(1.009);
    transform-origin:top;
}

#content:hover line {
    stroke: white;
    transition: .3s;

}

#content:active rect{
    fill: black;
}

#content:active text{
    fill: white;
}
```

Appendix C: Screenshots - Webpage Validation Evidence

← → C   🔒 validator.w3.org/nu/#file

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file artGallery.html

Checker Input

Show ☐ source ☐ outline ☐ image report   Options…

Check by file upload ▾ Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 18 milliseconds.

About this checker • Report an issue • Version: 22.3.25

⊢ → C   🔒 validator.w3.org/nu/#file

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for svg.html

Checker Input

Show ☐ source ☐ outline ☐ image report   Options…

Check by file upload ▾ Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 14 milliseconds.

About this checker • Report an issue • Version: 22.3.25

Appendix D: Individual Statement

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Student Name:	Dumindu Herath	Student Id:	20200119

State what tasks you carried out in the project.
Diagram (SVG) Thumbnail Images

State what you enjoyed and did not enjoy about teamwork.
I enjoyed discussing about what we do and how we do it. Getting a rough idea about the web page. I enjoyed getting help from others. I didn't enjoyed discussing about a team leader.

State what you learnt about teamwork.
I learned that we can be more productive. We can get help from others and get others ideas and put them into action. The best one.

State what skills you gained/learnt from undertaking the project.
I learned html, css and js very fast. Some advanced coding as well.

State any strengths about yourself that emerged whilst undertaking the project.
I'm good at finishing a web page.

State any weaknesses about yourself that emerged whilst undertaking the project.
I'm weak at deciding what could be the best for the web page. Especially in css part. Because of that I waste lot of time.

State how you would do things better if you were to undertake the project again.
If I were to do this project again, first I will get a better understanding about what to do and go through all learning process and begin it early. So I can create it calmly.

Additional general or project specific comments:
This is a really great project and I learned a lot of new things about web page concepts.