

Web Design and Development 4COSC011W

Report

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Group Number: 8
Student Role: student 4

Link(s) to WebSite

URL:

<https://w1830214.users.ecs.westminster.ac.uk/>

thumbnail:

<https://w1830214.users.ecs.westminster.ac.uk/Student%204/thumbnail.html>

sitemap:

<https://w1830214.users.ecs.westminster.ac.uk/Student%204/sitemap.html>

page Editor:

https://w1830214.users.ecs.westminster.ac.uk/Student%204/PageEditor_std4.html

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1. Introduction

List of team members:

Student Name	Student Role
Shenal Perera	Student 01
Navodya Liyanage	Student 02
Bupanie Thalagala	Student 03
Pavithraieni Ravichandran	Student 04

Topic of the website – Art (IMPASTO The Italian Art Gallery)

2. Technical Discussion

Being a student 4 in the Web Design and Development Coursework my task is to create SVG diagram and Thumbnail Images. The development and implementation of two webpages as follows:

1. SVG Diagram

SVG stands for Scalable Vector Graphics. It uses XML language, which can be used to create vector images and diagrams. In this page I have used SVG elements like path, text and etc. to build up a diagram looks like a puzzle.

Problem 1: Creating the SVG diagram. It was not easy as expected since the alignment would results disposition of diagram.

Solution: Figured out to make a rough plan with coordinates and sizes to implement the perfect diagram.

sitemap.html

```
<svg id="site" height="800" width="1000" >
  <g id="site1" >
    <path d="M 100 100 L 400 100 L 400 200 C 300 200, 300 300 , 400 300 L 400 400 L 100 400 L 100 100 Z" />
    <a href="#"><text x="190" y="250" >HOME PAGE</text></a>
  </g>
  <g id="site2" >
    <path d="M 400 100 L 700 100 L 700 200 C 800 200, 800 300, 700 300 L 700 400 L 400 400 L 400 300 C 300 300, 300 200, 400 200 L 400 100 Z" />
    <a href="#"><text x="470" y="250" >BUY PRODUCTS</text></a>
  </g>
  <g id="site3" >
    <path d="M 700 100 L 1000 100 L 1000 400 L 900 400 C 900 500, 800 500, 800 400 L 700 400 L 700 300 C 800 300, 800 200, 700 200 L 700 100 Z" />
    <a href="#"><text x="810" y="250" >QUERY</text></a>
  </g>
  <g id="site4" >
    <path d="M 100 400 L 200 400 C 200 300, 300 300, 300 400 L 400 400 L 400 500 C 500 500 , 500 600 , 400 600 L 400 700 L 100 700 L 100 400 Z" />
    <a href="thumbnail.html"><text x="150" y="550" >THUMBNAIL IMAGES</text></a>
  </g>
  <g id="site5" >
    <path d="M 400 400 L 700 400 L 700 500 C 600 500, 600 600, 700 600 L 700 700 L 400 700 L 400 600 C 500 600, 500 500, 400 500 L 400 400 Z" />
    <a href="https://w1832134.users.ecs.westminster.ac.uk/quiz.html"><text x="530" y="550" >QUIZ</text></a>
  </g>
  <g id="site6" >
    <Path d="M 700 400 L 800 400 C 800 500, 900 500, 900 400 L 1000 400 L 1000 700 L 700 700 L 700 600 C 600 600, 600 500, 700 500 L 700 400 Z" />
    <a href="https://w1832134.users.ecs.westminster.ac.uk/studentDetails.html"><text x="750" y="550" >STUDENT DETAILS</text></a>
  </g>
</svg>
```

Problem 2: According to a standard webpage CSS Styling has to be done to get a impressive look.

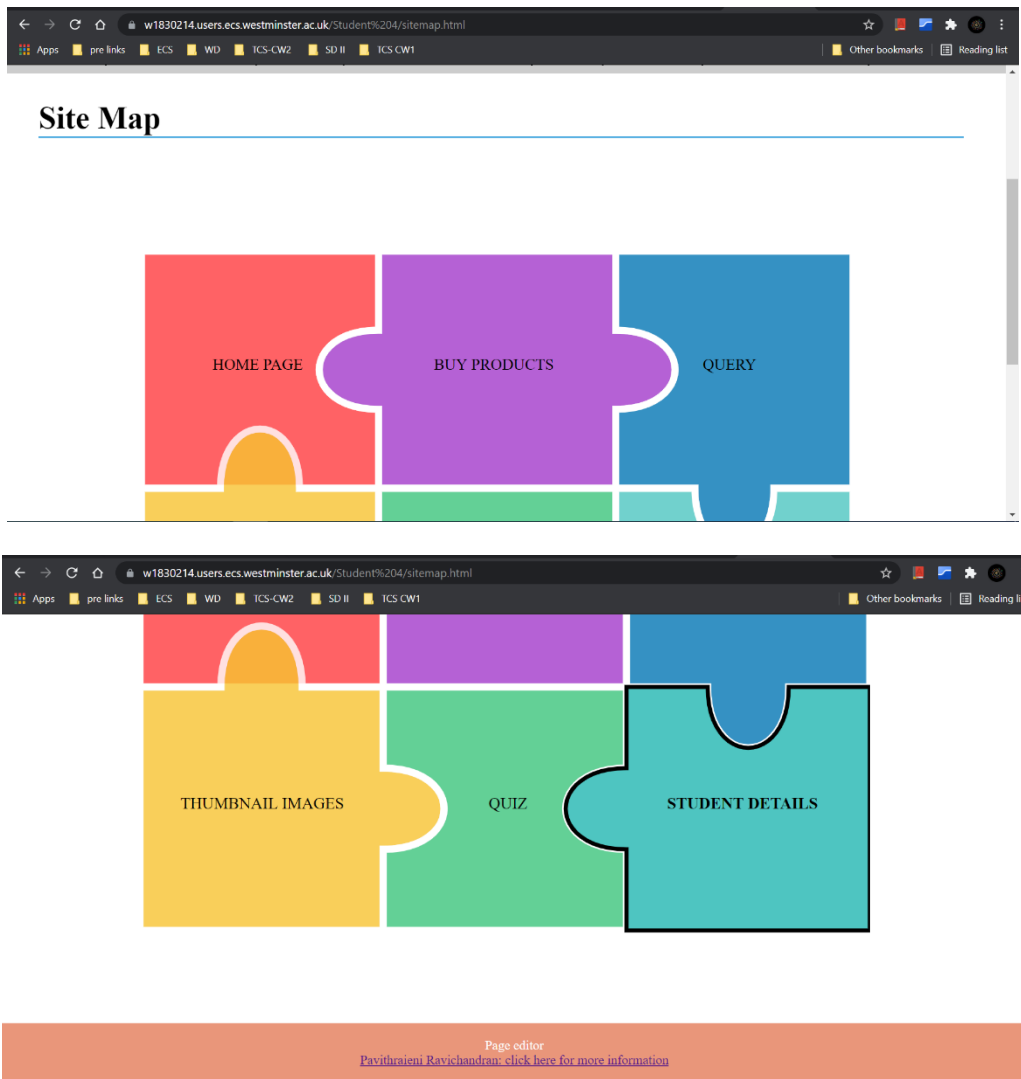
Solution: External CSS is used here to style the designed html rather than other type of CSS since it's organized and maintain consistency of the webpage . the Id's and classes improves the accessibility of elements. Hover is used to prompt the selected element precisely.

sitemap.css

```
svg{
    margin:10px 30px 10px 70px;
    padding:0px;
}
text{
    fill:#000;
    font-size:20px;
    font-family:"Times New Roman" ;
    font-family="Arial" text-anchor="middle"
}
path{
    stroke:#fff;
    stroke-width:9px;
    opacity:80%;
}
#g1 rect{
    stroke:#fff;
    stroke-width:3px;
}
#site g: hover path{
    stroke-width:5px;
    opacity:100%;
    stroke:#000;
}
}
```

Cont....

```
#site g: hover text{
    font-weight: bold;
}
#a: hover{
}
#site1 path{
    fill:#FF3B3F;
}
#site2 path{
    fill:#a239ca;
}
#site3 path{
    fill:#0375B4;
}
#site4 path{
    fill:#F7C331;
}
#site5 path{
    fill:#3CC47C;
}
#site6 path{
    fill:#4EC5C1;
}
}
```



2. Thumbnail Images Page

This page is created using Html Elements. The plan is implemented according to a standard idea which was instructed as to include images and it should display as large image along with a description.

Problem 1: To display two pull down menu to select different views.

Solution: <select><option>... elements have been implemented in this page that user can select the Background views and Text color. Basic webpages would have standard two themes as dark and light. Javascript getSelectedValue() function enhances the interactivity.

thumbnail.html

```
<h2 id="heading">Thumbnail images</h2>
<form >
  <div class="theme">
    <label id="bglabel">Background Theme: </label>
    <select name="pageColor" id="pageColor" onclick="getSelectedValue1()">
      <option value="light">Light</option>
      <option value="dark">Dark</option>
    </select>
  </div>
  <div class="theme">
    <label id="ptlabel">Page Text Colour: </label>
    <select name="textColor" id="textColor" onclick="getSelectedValue2()">
      <option value="blue">Blue</option>
      <option value="green">Green</option>
      <option value="RedandGreen">Red and Green</option>
    </select>
  </div>
</form>
```

thumbnail.css

```
//changing background color
function getSelectedValue1(){
  var listValue1=document.getElementById("pageColor").value;
  if (listValue1=="dark"){
    document.body.style.backgroundColor='black';
    document.getElementById("heading").style.color='White';
    document.getElementById("bglabel").style.color='White';
    document.getElementById("ptlabel").style.color='White';
    document.getElementById("gallery").style.color='White';
  }else{
    document.body.style.backgroundColor='white';
    document.getElementById("heading").style.color='black';
    document.getElementById("bglabel").style.color='black';
    document.getElementById("ptlabel").style.color='black';
    document.getElementById("gallery").style.color='black';
  }
  return listValue1;
}

//changing text color
function getSelectedValue2(){
  var listValue2=document.getElementById("textColor").value;

  if(listValue2=="green"){
    document.getElementById("heading").style.color='#08f26e';
    document.getElementById("bglabel").style.color='#08f26e';
    document.getElementById("ptlabel").style.color='#08f26e';
  }else if(listValue2=="RedandGreen"){
    document.getElementById("heading").style.color='#DE3163';
    document.getElementById("bglabel").style.color='#08f26e';
    document.getElementById("ptlabel").style.color='#08f26e';
  }else{
    document.getElementById("heading").style.color='#2D9CDB';
    document.getElementById("bglabel").style.color='#2D9CDB';
    document.getElementById("ptlabel").style.color='#2D9CDB';
  }
}
}
```


← → ↻ 🏠 w1830214.users.ecs.westminster.ac.uk/Student%204/thumbnail.html ☆ 📖 ⚙️ 🔍

Apps pre links ECS WD TCS-CW2 SD II TCS CW1 Other bookmarks Reading list


HOME BOT PRODUCTS QUERY THUMBNAIL GALLERY QUIZ SITEMAP STUDENT DETAILS

Thumbnail images


Page Text Colour: Blue Blue Green Red and Green Background Theme: Light



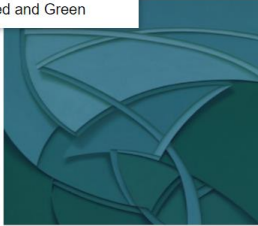
MAMAN SPINNE
1999 (cast 2001)




Five Drunken Princes
Returning on Horseback
(13th-14th Century)



C-Curve
(cast 2007)



Uphe
(2011)



Abstraktes Bild (649-2)
(1987)


← → ↻ 🏠 w1830214.users.ecs.westminster.ac.uk/Student%204/thumbnail.html ☆ 📖 ⚙️ 🔍

Apps pre links ECS WD TCS-CW2 SD II TCS CW1 Other bookmarks Reading list


HOME BOT PRODUCTS QUERY THUMBNAIL GALLERY QUIZ SITEMAP STUDENT DETAILS

Thumbnail images


Page Text Colour: Blue Background Theme: Dark Light Dark



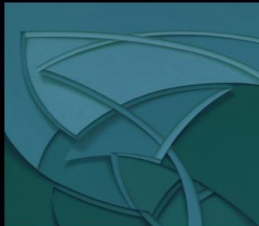
MAMAN SPINNE
1999 (cast 2001)




Five Drunken Princes
Returning on Horseback
(13th-14th Century)



C-Curve
(cast 2007)



Uphe
(2011)



Abstraktes Bild (649-2)
(1987)

Problem 2: Creating a row of images along with description

Solution: CSS styles helped to create a row of images along with hover style. To display a large image and description when mouse move over the images, javascript DOM mouseover event listener has been used to enhance the interactivity. And special CSS style named visibility: "hidden" has been added so that js makes the webpage looks dynamic.

thumbnail.html

```
<ul class="thumbnailGrid">

    <li class="images">
        <a href="#imgContent"></a>
        <p> MAMAN SPINNE <br/>1999 (cast 2001)</p>
    </li>

    <li class="images">
        
        <p> Five Drunken Princes Returning on Horseback<br/>(13th-14th Century)</p>
    </li>

    <li class="images">
        
        <p> C-Curve<br/>(cast 2007)</p>
    </li>

    <li class="images">
        
        <p> Uphe <br/> (2011)</p>
    </li>

    <li class="images">
        
        <p> Abstraktes Bild (649-2)<br/>(1987)</p>
    </li>

</ul>
<br/>

<div class="Content" id="Content1">
    <div id="previewImg" >
        <img src='img/img1.jpg' alt="image Preview">
    </div>
    <input type="button" id="but-close" value="Close" onclick="closeContent()">
    <div id="previewDesc">
        <h2 id="contTitle"></h2>
        <p id="contArtist"></p>
        <p id="contDesc"></p>
    </div>
</div>

}
```







← → ↻ 🏠 w1830214.users.ecs.westminster.ac.uk/Student%204/thumbnail.html ☆ 📌 ⚙️ 🔍

Apps pre links ECS WD TCS-CW2 SD II TCS CW1 Other bookmarks Reading list

HOME | BUY PRODUCTS | QUERT | THUMBNAIL GALLERY | QUIZ | SITE MAP | STUDENT DETAILS




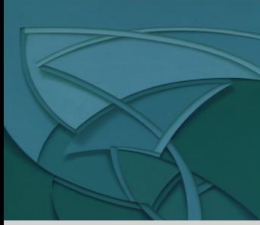

Thumbnail images


Page Text Colour: Red and Greer Background Theme: Dark

				
MAMAN SPINNE 1999 (cast 2001)	Five Drunken Princes Returning on Horseback (13th-14th Century)	C-Curve (cast 2007)	Uphe (2011)	Abstraktes Bild (649-2) (1987)

← → ↻ 🏠 w1830214.users.ecs.westminster.ac.uk/Student%204/thumbnail.html ☆ 📌 ⚙️ 🔍

Apps pre links ECS WD TCS-CW2 SD II TCS CW1 Other bookmarks Reading list

				
MAMAN SPINNE 1999 (cast 2001)	Five Drunken Princes Returning on Horseback (13th-14th Century)	C-Curve (cast 2007)	Uphe (2011)	Abstraktes Bild (649-2) (1987)



MAMAN SPINNE ,1999 (cast 2001)

Artist: Louise Bourgeois

Maman is a monumental steel spider, supported on eight slender, knobbly legs, its body is suspended high above the ground, allowing the viewer to walk around and underneath it. The meshed sac contains white and grey marble eggs that hang above the viewer's head, gleaming in the darkness of their cavity. The title Maman translates as 'Mummy', the appellation a child uses for its mother, the

<https://w1830214.users.ecs.westminster.ac.uk/Student 4/thumbnail.html#imgContent>

Close

3. Page editor page

Implemented using basic html codes and small part of CSS.

thumbnail.html, sitemap.html

```
<div id="footer">
    <p>Page editor<br>
    <a href="PageEditor_std4.html">Pavithraieni Ravichandran: click here for more information</a></p>
</div>
```

PageEditor_student4.html

```
<head>
<style>
.q{text-align: center;
    vertical-align: middle;
    cursor: pointer;
    vertical-align: middle;
    font-family:Papyrus, fantasy;
    font-weight:30px;
}
</style>

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

    <div class="q">
    
    <p>Name: Pavithraieni Ravichandran</p>
    <p>UOW: w1830214</p>
    <p>Role:student 4</p>
    <p>tasks completed:<br/>
    1. Thumbnail Page : </p>
    <ul>
        <li>Adding 2 dropdown lists to change Font color and background color.</li>
        <li>Creating a view for thumbnail images</li>
        <li>Used mouseover event listeners to prompt the description for selected image.</li>
    </ul>
    <p>2. SVG diagram : </p>
    <ul>
        <li>Created a site diagram using SVG</li>
        <li>Links have been created to direct to webpages</li>
    </ul>

    </div>
</body>
</pre>
</html>
```



Page editor

[Pavithraieni Ravichandran: click here for more information](#)



w1830214.users.ecs.westminster.ac.uk/Student%204/PageEditor_std4.html



Apps

pre links

ECS

WD

TCS-CW2

SD II

TCS CW1

Other bookmarks

Reading list



Name: Pavithraieni Ravichandran

UOW: w1830214

Role: student 4

3. Janet

The webpage content implies Janet local acceptable policy rule and security policy rules. The website has the introduction page along with structured webpages. The content taken from internet and other sources has been extracted but not copied. The images downloaded are incensed. It has the accountable access through links which will navigate users to switch between pages. Concerns regarding the security of webpage has been taken by virus-free files. Authorised software(eg: notepad++) has been used to create webpages. Ease of access since no spamming advertisements or websites initialized So security has been concerned.

References

Websites referred

https://www.w3schools.com/html/html_css.asp

<https://developer.mozilla.org/en-US/>

lecture notes

<https://stackoverflow.com/questions/8318591/javascript-addeventlistener-using-to-create-a-mouseover-effect>

<https://www.artnews.com/list/art-news/artists/most-expensive-works-sold-at-auction-1234579250/gerhard-richter-abstraktes-bild-649-2-1987/>

<https://theculturetrip.com/north-america/usa/articles/10-artists-who-changed-the-course-of-20th-century-art/>

Appendices

Appendix A: Code

Thumbnail.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Thumbnail Images</title>
    <link rel="stylesheet" href="thumbnail.css">
    <link rel="stylesheet" href="navigation.css">
  </head>
  <body>
    <div id="header">
      <a href="presentation.html"></a>
      <h1 id="gallery">The Italian Art Gallery</h1>
    </div>

    <div id="navlist">
      <ul class="navlist">
        <li><button><a href="#">HOME</a></button></li>
        <li><button><a href="#">BUY PRODUCTS</a></button></li>
        <li><button><a href="#">QUERY </a></button></li>
        <li><button><a href="thumbnail.html">THUMBNAIL GALLERY</a></button></li>
        <li><button><a href="https://w1832134.users.ecs.westminster.ac.uk/quiz.html">QUIZ</a></button></li>
        <li><button><a href="sitemap.html">SITEMAP</a></button></li>
        <li><button><a href="https://w1832134.users.ecs.westminster.ac.uk/studentDetails.html">STUDENT
DETAILS</a></button></li>
      </ul>
    </div>

    <h2 id="heading">Thumbnail images</h2>
    <form >
      <div class="theme">
        <label id="bglabel">Background Theme: </label>
        <select name="pageColor" id="pageColor" onclick="getSelectedValue1()">
          <option value="light">Light</option>
          <option value="dark">Dark</option>
        </select>
      </div>
      <div class="theme">
        <label id="ptlabel">Page Text Colour: </label>
        <select name="textColor" id="textColor" onclick="getSelectedValue2()">
          <option value="blue">Blue</option>
          <option value="green">Green</option>
          <option value="RedandGreen">Red and Green</option>
        </select>
      </div>
    </form>
  </body>
</html>
```

Thumbnail.html cont

```
<ul class="thumbnailGrid">

    <li class="images">
        <a href="#imgContent"></a>
        <p> MAMAN SPINNE <br/>1999 (cast 2001)</p>
    </li>

    <li class="images">
        
        <p> Five Drunken Princes Returning on Horseback<br/>(13th-14th Century)</p>
    </li>

    <li class="images">
        
        <p> C-Curve<br/>(cast 2007)</p>
    </li>

    <li class="images">
        
        <p> Uphe <br/> (2011)</p>
    </li>

    <li class="images">
        
        <p> Abstraktes Bild (649-2)<br/>(1987)</p>
    </li>

</ul>
<br/>

<div class="Content" id="Content1">
    <div id="previewImg" >
        <img src='img/img1.jpg' alt="image Preview">
    </div>
    <input type="button" id="but-close" value="Close" onclick="closeContent()">
    <div id="previewDesc">
        <h2 id="contTitle"></h2>
        <p id="contArtist"></p>
        <p id="contDesc"></p>
    </div>

</div>

</form>
<div id="footerContainer">
    <div id="footer">

        <p>Page editor<br/>
        <a href="PageEditor_std4.html">Pavithraieni Ravichandran: click here for more information</a></p>

    </div>

</div>

<script src="thumbnail.js"></script>

</body>
</html>
```

Thumbnail.js

```
//changing background color
function getSelectedValue1(){
    var listValue1=document.getElementById("pageColor").value;
    if (listValue1=="dark"){
        document.body.style.backgroundColor='black';
        document.getElementById("heading").style.color='White';
        document.getElementById("bglabel").style.color='White';
        document.getElementById("ptlabel").style.color='White';
        document.getElementById("gallery").style.color='White';
    }else{
        document.body.style.backgroundColor='white';
        document.getElementById("heading").style.color='black';
        document.getElementById("bglabel").style.color='black';
        document.getElementById("ptlabel").style.color='black';
        document.getElementById("gallery").style.color='black';
    }
    return listValue1;
}

//changing text color
function getSelectedValue2(){
    var listValue2=document.getElementById("textColor").value;

    if(listValue2=="green"){
        document.getElementById("heading").style.color='#08f26e';
        document.getElementById("bglabel").style.color='#08f26e';
        document.getElementById("ptlabel").style.color='#08f26e';
    }else if(listValue2=="RedandGreen"){
        document.getElementById("heading").style.color='#DE3163';
        document.getElementById("bglabel").style.color='#08f26e';
        document.getElementById("ptlabel").style.color='#08f26e';
    }else{
        document.getElementById("heading").style.color='#2D9CDB';
        document.getElementById("bglabel").style.color='#2D9CDB';
        document.getElementById("ptlabel").style.color='#2D9CDB';
    }
}

//display description of images
function closeContent(){
    document.getElementById("Content1").style.visibility='hidden';
}

document.getElementById("img1").addEventListener('mouseover',function() {
    document.getElementById("Content1").style.visibility='visible';
    document.getElementById("previewImg").innerHTML="<img src='img/img1.jpg' > ";
    document.getElementById("contTitle").innerHTML="<h2>MAMAN SPINNE ,1999 (cast 2001)</h2>";
    document.getElementById("contArtist").innerHTML="<p>Artist: Louise Bourgeois</p> ";
    document.getElementById("contDesc").innerHTML=" <p>Maman is a monumental steel spider,Supported on eight slender, knobby legs, its body is suspended high above the ground, allowing the viewer to walk around and underneath it.The meshed sac contains seventeen white and grey marble eggs that hang above the viewer's head, gleaming in the darkness of their under-body cavity.The title Maman translates as 'Mummy', the appellation a child uses for its mother.the viewer may experience the sculpture as an expression of anxiety about a mother who is universal – powerful and terrible,beautiful and, without eyes to look or a head to think, curiously indifferent.</p>";
})
```

Thumbnail.js

```

document.getElementById("img2").addEventListener('mouseover',function(){
    document.getElementById("Content1").style.visibility='visible';
    document.getElementById("previewImg").innerHTML="<img src='img/img2.jpg' >" ;
    document.getElementById("contTitle").innerHTML="<h2>Five Drunken Princes Returning on Horseback (13th-14th
Century)</h2>";
    document.getElementById("contArtist").innerHTML="<p>Artist : Ren Renfa </p>";
    document.getElementById("contDesc").innerHTML="<p>The 2-metre (6.6ft) Five Drunken Princes Returning on
Horseback is by Ren Renfa, a renowned Chinese artist and government official.The painting depicts the princes riding horses
with four attendants. One of the princes is Li Longji, who later became the longest-reigning emperor Xuanzong of the Tang
dynasty.The scroll has been documented in imperial collections and bears a collection of seals, including those of several
emperors.</p>"
})

document.getElementById("img3").addEventListener('mouseover',function(){
    document.getElementById("Content1").style.visibility='visible';
    document.getElementById("previewImg").innerHTML="<img src='img/img3.jpg' >" ;
    document.getElementById("contTitle").innerHTML="<h2>C-Curve (cast 2007)</h2>";
    document.getElementById("contArtist").innerHTML="<p>Artist : Anish Kapoor</p>";
    document.getElementById("contDesc").innerHTML="<p>Turner Prize winner Anish Kapoor creates elegant sculptures
that combine simple materials, geometric shape, and organic form. The highly polished curves of the stainless steel structure
reflect and distort the surroundings.he illusion of distorting form and direction of the viewers and their surroundings
refamiliarizes one with what we the world around us actually looks like,something we may normally take for granted.</p>"
})

document.getElementById("img4").addEventListener('mouseover',function(){
    document.getElementById("Content1").style.visibility='visible';
    document.getElementById("previewImg").innerHTML="<img src='img/img4.jpg' >" ;
    document.getElementById("contTitle").innerHTML="<h2>Uphe (2011)</h2>";
    document.getElementById("contArtist").innerHTML="<p>Artist: Tomma Abts</p>" ;
    document.getElementById("contDesc").innerHTML="<p>Sculptural shapes seem to float on planes of teal blue and
green, their impossibly interlocking forms silhouetted by shadow, highlights and line.It is an exploration of color and space, in
which subtle shifts of both create unexpected effects: movement, stillness, depth. </p>"
})

document.getElementById("img5").addEventListener('mouseover',function(){
    document.getElementById("Content1").style.visibility='visible';
    document.getElementById("previewImg").innerHTML="<img src='img/img5.jpeg' >" ;
    document.getElementById("contTitle").innerHTML="<h2>Abstraktes Bild (649-2)(1987)</h2>";
    document.getElementById("contArtist").innerHTML="<p>Artist: Gerhard Richter</p>";
    document.getElementById("contDesc").innerHTML="<p>abstract paintings appear to be in the tradition of both
American Abstract Expressionism and German expressionist painting.Richter's abstract paintings relate to a series of works in
which he paints images from photographs but blurs them slightly to remove the focus from their composition and subject
matter. This painting has been created by dragging a board over the canvas to smear the paint and reveal the layers
underneath.In other words, he 'blurs' what he himself has painted.</p>"
})

```


Thumbnail.css

```

/*thumbnail grid*/

#heading{
    font-size:40px;
    border-bottom:2px solid #2D9CDB;
    margin-left:40px;
    width:1170px;
}
.theme{
    display:inline;
    padding: 0px 40px 30px 0px;
    float:right;
    margin-top:0px;
}
.theme label{
    font-size:20px;
}
.theme select{
    width:150px;
    padding:5px 30px 5px 5px;
    border:3px solid #2D9CDB;
}
.thumbnailGrid{
    margin-top:40px;
    float:left;
    width:1200px;
}
.image a{
    cursor:pointer;
}
.images img{
    width:230px;
    height:200px;
    margin-left:0px;
}
.images p{
    width:200px;
    text-align:center;
    margin: 3px 5px 3px 7px;
    padding:5px;
    text-decoration: bold;
}
.images{
    padding: 0px 0px 10px 0px;
    margin: 2px 2px 2px 2px;
    float:left;
    height:260px;
    background-color:#d3d3d3;
}
.images:hover{
    border:solid 5px;
    border-color:#2D9CDB;
    opacity:80%;
}
.images {
    list-style-type:none;
    display:inline;
}

```

Thumbnail.css cont

```

/*content preview*/
.Content{
    padding:30px;
    background-color:#87ceeb;
    float:left;
    margin:20px 50px 30px 50px;
    width:1111px;
    margin-left:41px;
    visibility:hidden;
}
.Content img{
    width:300px;
    height:300px;
    float:left;
    padding-right:10px;
}
#previewDesc{
    padding-left:100px;
    width:900px;
}

#but-close{
    float:right;
    padding:5px 10px 5px 10px;
    border:3px solid black;
    border-radius:5px;
    background:transparent;
}
#but-close:hover{
    background-color:#ccc;
}

#footer{
    height:80px;
    margin-top:800px;
}

```

Sitemap.html

```

<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Thumbnail Images</title>
    <link rel="stylesheet" href="sitemap.css">
    <link rel="stylesheet" href="navigation.css">

  </head>

  <body>
    <div id="header">
      <a href="presentation.html"></a>
      <h1 id="gallery">The Italian Art Gallery</h1>
    </div>

    <div id="navlist">
      <ul class="navlist">
        <li><button><a href="#">HOME</a></button></li>
        <li><button><a href="#">BUY PRODUCTS</a></button></li>
        <li><button><a href="#">QUERY </a></button></li>
        <li><button><a href="thumbnail.html">THUMBNAIL GALLERY</a></button></li>
        <li><button><a href="https://w1832134.users.ecs.westminster.ac.uk/quiz.html">QUIZ</a></button></li>
        <li><button><a href="#">SITEMAP</a></button></li>
        <li><button><a href="https://w1832134.users.ecs.westminster.ac.uk/studentDetails.html">STUDENT DETAILS</a></button></li>
      </ul>
    </div>

    <h2 id="heading">Site Map</h2>

    <svg id="site" height="800" width="1000" >

      <g id="site1" >
        <path d="M 100 100 L 400 100 L 400 200 C 300 200, 300 300 , 400 300 L 400
400 L 100 400 L 100 100 Z" />
        <a href="#"><text x="190" y="250" >HOME PAGE</text></a>
      </g>

      <g id="site2" >
        <path d="M 400 100 L 700 100 L 700 200 C 800 200, 800 300, 700 300 L 700 400 L 400 400 L 400 300
C 300 300, 300 200, 400 200 L 400 100 Z" />
        <a href="#"><text x="470" y="250" >BUY PRODUCTS</text></a>
      </g>

      <g id="site3" >
        <path d="M 700 100 L 1000 100 L 1000 400 L 900 400 C 900 500, 800 500, 800 400 L 700 400 L 700
300 C 800 300, 800 200,700 200 L 700 100 Z" />
        <a href="#"><text x="810" y="250" >QUERY</text></a>
      </g>

      <g id="site4" >
        <path d="M 100 400 L 200 400 C 200 300, 300 300,300 400 L 400 400 L 400 500 C 500 500 , 500 600 ,
400 600 L 400 700 L 100 700 L 100 400 Z" />
        <a href="thumbnail.html"><text x="150" y="550" >THUMBNAIL IMAGES</text></a>
      </g>

      <g id="site5" >
        <path d="M 400 400 L 700 400 L 700 500 C 600 500, 600 600, 700 600 L 700 700 L 400 700 L 400 600
C 500 600, 500 500, 400 500 L 400 400 Z" />
        <a href="https://w1832134.users.ecs.westminster.ac.uk/quiz.html"><text x="530" y="550"
>QUIZ</text></a>
      </g>

      <g id="site6" >
        <Path d="M 700 400 L 800 400 C 800 500,900 500, 900 400 L 1000 400 L 1000 700 L 700 700 L700 600
C 600 600, 600 500, 700 500 L 700 400 Z" />

```

Sitemap.html

```

        <a href="https://w1832134.users.ecs.westminster.ac.uk/studentDetails.html"><text x="750" y="550"
>STUDENT DETAILS</text></a>
        </g>

        </svg>

        <div id="footer">
                <p>Page editor<br>
                <a href="PageEditor_std4.html">Pavithraieni Ravichandran: click here for more
information</a></p>
        </div>

</body>
</html>

```

Sitemap.css

```

#heading{
    font-size:40px;
    border-bottom:2px solid #2D9CDB;
    margin-left:40px;
    width:1170px;
}

svg{
    margin:10px 30px 10px 70px;
    padding:0px;
}
text{
    fill:#000;
    font-size:20px;
    font-family:"Times New Roman" ;
    font-family="Arial" text-anchor="middle"
}
path{
    stroke:#fff;
    stroke-width:9px;
    opacity:80%;
}
#g1 rect{
    stroke:#fff;
    stroke-width:3px;
}
#site g:hover path{
    stroke-width:5px;
    opacity:100%;
    stroke:#000;
}
#site g:hover text{
    font-weight: bold;
}

```

Sitemap.css cont

```

#a:hover{
}

#site1 path{
    fill:#FF3B3F;
}
#site2 path{
    fill:#a239ca;
}
#site3 path{
    fill:#0375B4;
}
#site4 path{
    fill:#F7C331;
}
#site5 path{
    fill:#3CC47C;
}
#site6 path{
    fill:#4EC5C1;
}

```

PageEditor_std4.html

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

<head>

<style>
    .q{text-align: center;
        vertical-align: middle;
        cursor: pointer;
        vertical-align: middle;
        font-family:Papyrus, fantasy;
        font-weight:30px;
        }
    </style>

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


    <div class="q">
    
    <p>Name: Pavithraieni Ravichandran</p>
    <p>UOW: w1830214</p>
    <p>Role:student 4</p>
    <p>tasks completed:<br/>
    1. Thumbnail Page : </p>
    <ul>
        <li>Adding 2 dropdown lists to change Font color and background color.</li>
        <li>Creating a view for thumbnail images</li>
        <li>Used mouseover event listeners to prompt the description for selected image.</li>
    </ul>
    <p>2. SVG diagram : </p>
    <ul>
        <li>Created a site diagram using SVG</li>
        <li>Links have been created to direct to webpages</li>
    </ul>

    </div>
</body>
</pre>
</html>
```

Navigation.css

```
/*header*/
body{
    background:white;
    margin:0px;
    font-style:"Times New Roman";
}

#header img{
    width:200px;
    height:200px;
    margin:30px;
    padding-bottom:0px;
}

#header h1{
    display: inline;
    float:right;
    padding: 100px 20px 0px 5px;
    font-size:50px;
}

/*navigation list*/

.navlist {
    list-style-type: none;
    margin: 10px 0px 0px 0px;
    padding: 10px 10px 10px 30px;
    overflow: hidden;
    background-color: #ccc;
}

.navlist button {
    float: left;
    border:0;
    background-color:transparent;
    padding:5px 20px 5px ;
    margin-right:5px ;
    border-right: 2px solid black;
    font-size:18px;
}

.navlist li a {
    display: block;
    color:black;
    text-align: center;
    text-decoration: none;
}

.navlist li a:hover:not(.active) {
    background-color: #2D9CDB;
    padding:5px;
}

#footer {
    text-align: center;
    padding: 3px ;
    background-color: DarkSalmon;
    color: white;
}
```

Appendix B: Screenshots

Thumbnail.html

IMPASTO
The Italian Art Gallery

The Italian Art Gallery

HOME | BUY PRODUCTS | QUERY | THUMBNAIL GALLERY | QUIZ | SITEMAP | STUDENT DETAILS

Thumbnail images

Page Text Colour: Red and Greer Background Theme: Dark

MAMAN SPINNE
1999 (cast 2001)

Five Drunken Princes
Returning on Horseback
(13th-14th Century)

C-Curve
(cast 2007)

Uphe
(2011)

Abstraktes Bild (649-2)
(1987)

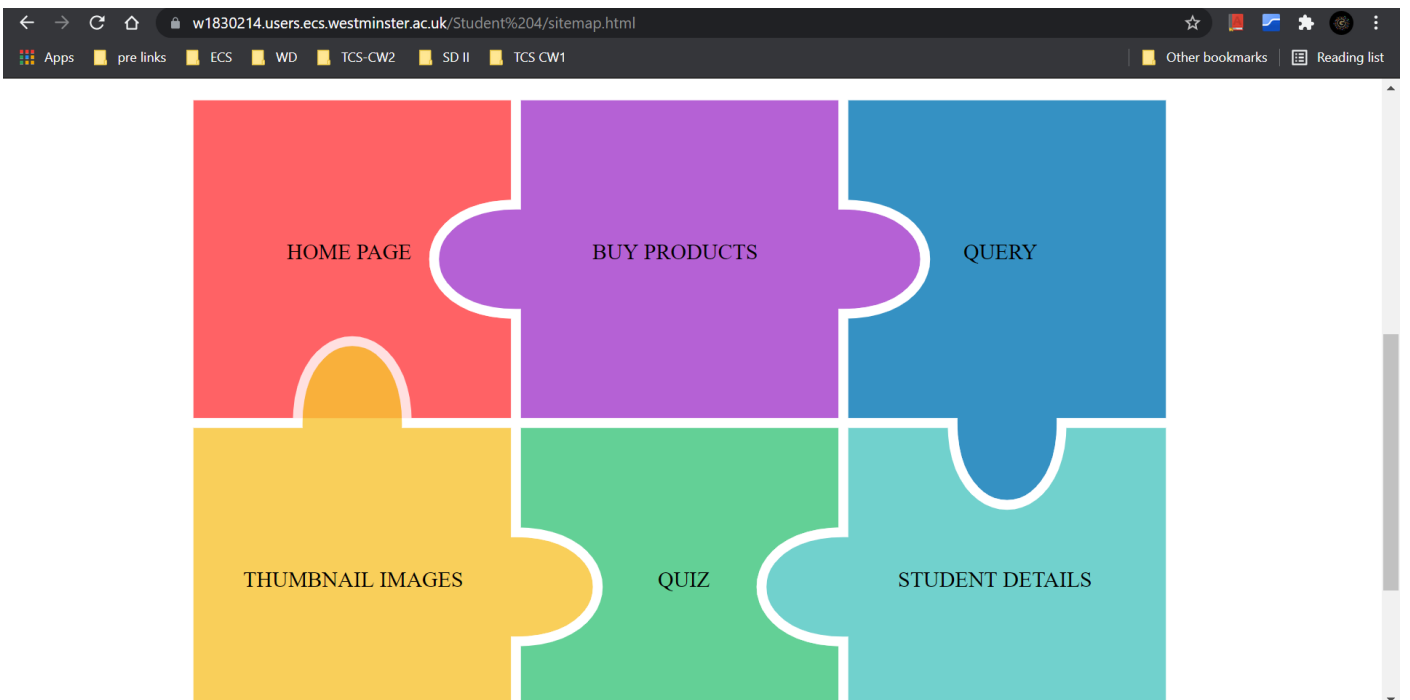
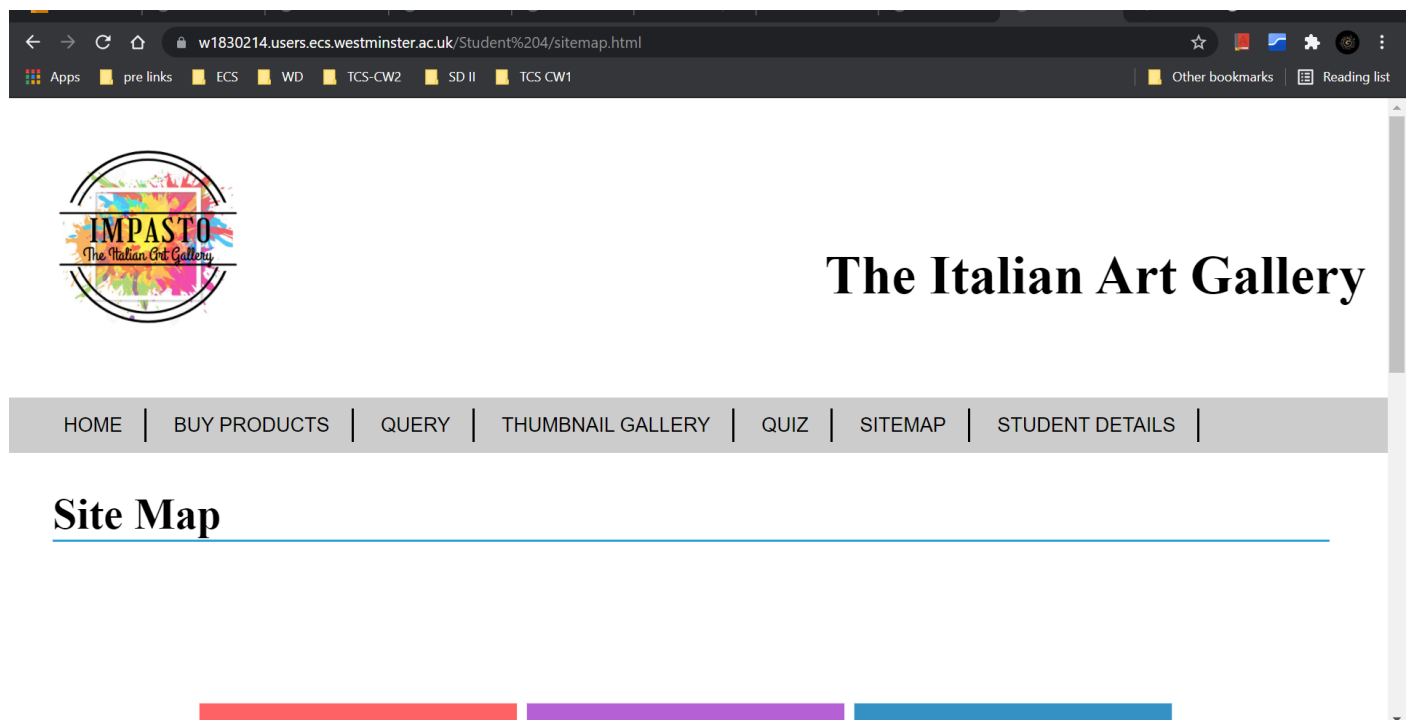
Five Drunken Princes Returning on Horseback (13th-14th Century)

Artist : Ren Renfa

The 2-metre (6.6ft) Five Drunken Princes Returning on Horseback is by Ren Renfa, a renowned Chinese artist and government official. The painting depicts the princes riding horses with four attendants. One of the princes is Li Longji, who later became the longest-reigning emperor Xuanzong of the Tang dynasty. The scroll has been documented in imperial collections and bears a collection of seals, including those of several emperors.

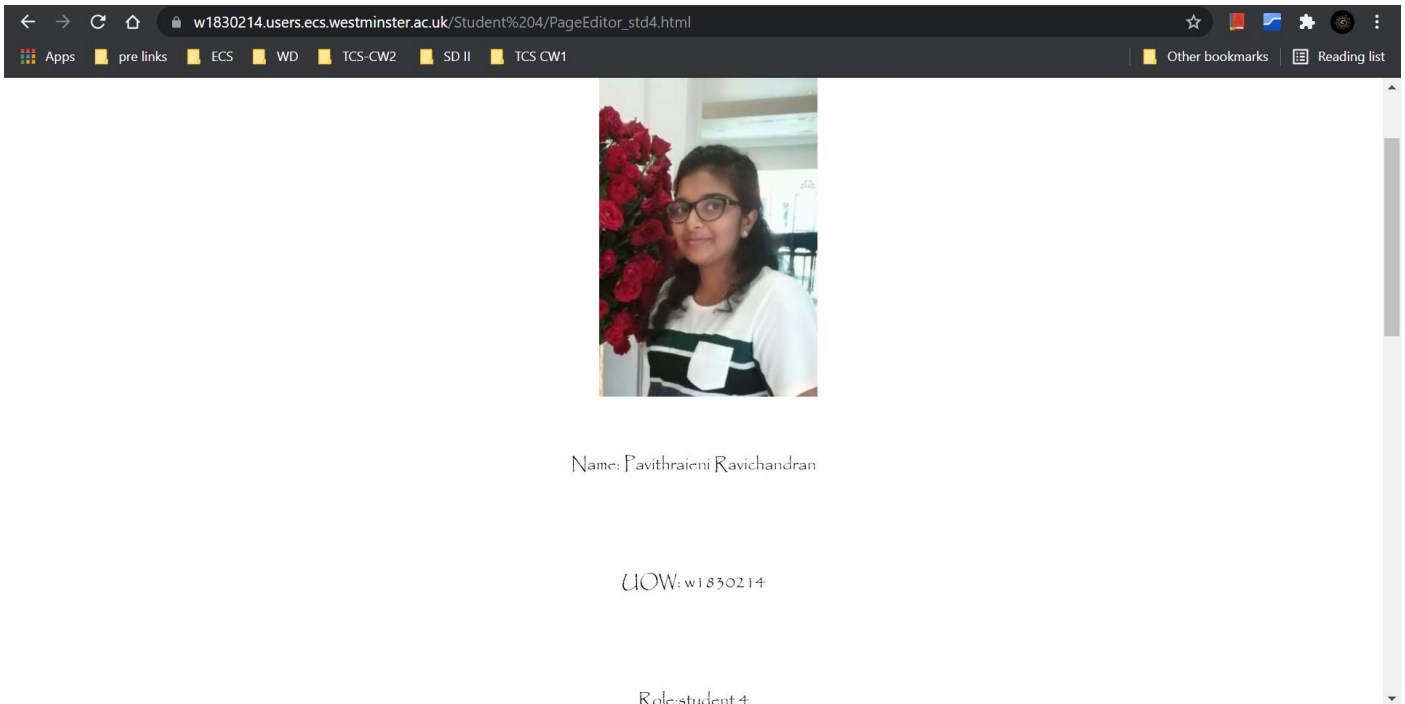
Page editor

Sitemap.html





PageEditor_std4.html



The screenshot shows a web browser window with the address bar displaying `w1830214.users.ecs.westminster.ac.uk/Student%204/PageEditor_std4.html`. The browser has several tabs open: 'Apps', 'pre links', 'ECS', 'WD', 'TCS-CW2', 'SD II', and 'TCS CW1'. The main content area contains a list of tasks:

- Adding 2 dropdown lists to change Font color and background color.
- Creating a view for thumbnail images
- Used mouseover event listeners to prompt the description for selected image.

Below the list, there is a heading: 2. SVG diagram :

- Created a site diagram using SVG
- Links have been created to direct to webpages

Appendix C: Individual Statement

Student Name:	Pavithraieni Ravichandran	Student Id:	20200530 W1830214
State what tasks you carried out in the project.			
Created sitemap using SVG diagram Created Thumbnail Images page			
State what you enjoyed and did not enjoy about teamwork.			
Workload has been divided among the students so its easy to concentrate in assigned pages			
State what you learnt about teamwork.			
Importance of time management How to synchronize people according to our progress.			
State what skills you gained/learnt from undertaking the project.			
Time management, parallel tasking along with other coursework, aggregation of team work.			
State any strengths about yourself that emerged whilst undertaking the project.			
Could be able to complete on time, making good team strategies to implement good work			
State any weaknesses about yourself that emerged whilst undertaking the project.			
Could not be able to combine all in same place and time , had to concern of others as well			
State how you would do things better if you were to undertake the project again.			
Manage the roles as soon as possible, structured planning must be implemented.			
Additional general or project specific comments:			
Have learnt a lot in order to complete this project on time.			
Student Signature:		Date:	21-7-2021