

Web Design and Development 4COSC011W

Report

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Link(s) to WebSite

URL: <https://w1809739.users.ecs.westminster.ac.uk/homepage.html>

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1. Introduction

This website is about Tourism. It will be very useful for tourists. They may be foreigners or Sri Lankan, travelers. They can see where they can go to see and what are the attractive places in Sri Lanka. Not only that they can buy quality bags(products) from there. Not only that they can answer the quiz and see the marks, watch the places and plan their trip. Not only that also when they click on the history button, but they can also read history in Sri Lanka. when they click on the map button, they can search places through google map. When we talk about our aim from building this site. We want to increase the tourism industry again and when foreigners see this place and know about a lot of things in the same place, we hope they would like to visit Sri Lanka to spend their vacations.

Student part Number.	Student iD/Uow ID.	Student Name	Part of the website.
Student_1	2019578/w1790112	Tharindu Darshana	Presentation page & Buy Production
Student_2	2019266/w1809755	Kasun Wijerathne	Main Page & Query Form
Student_3	2019149/w1810195	Avishka Kavinda	Quiz page & Student details Page
Student_4	2019048/w1809739	Sajith Nirmana	Diagram SVG & Thumbnail Image's

2. Technical Discussion

When this website developing there had to face many technical difficulties and find sources to find information. And after the success in overcomes the difficulties Finally, become complete and successful output.

First is Diagram SVG.

I share-out the code 3 part,

- 1.HTML Part.
- 2.CSS Part.
- 3.Javascript Part.

I use <g> it is a container used to group other SVG element. <rect> tag is the SVG shape element, to create rectangle. <text> element tag use for writing text, The <polyline> element is used to create any shape that consists of only straight lines (that is connected at several points):

Code explain:

```
<svg id="svgJS" height="1000" width="360">
```

```
<g id="group1d1">
```

```
<rect x="15" y="130" height="50" width="150" stroke="purple" fill="none" stroke-width="2" />
```

```
<text fill="#000" font-size="14" x="90" y="160" font-family="Arial" text-anchor="middle">Home  
Page</text>
```

```
</g>
```

```
<g id="group1d2" >
```

```
<line id="shapel1d2" stroke="purple" stroke-width="2" x1="90" y1="180" x2="90"  
y2="230"></line>
```

```
<polyline points="95, 220 90, 230 85, 220" stroke="purple" stroke-width="2" fill="none" />
```

```
</g>
```

<svg> use for defines the starting point of graphics section, and <shape_name> is the followed by the style expected to apply. The <rect> element is used to draw a rectangle. I use some attributes in this code,

Those are:

Attribute	Meaning
x	The x position of the top left corner of the rectangle
y	The y position of the top left corner of the rectangle
width	The width of the rectangle
height	The height of the rectangle
rx	The x radius of the corners of the rectangle
ry	The y radius of the corners of the rectangle

And **stroke**, **stroke-width**, **fill** use to Display the rectangle.

Displayed by browser	HTML markup required
	<pre><svg width="150" height="100"> <rect x="10" y="10" width="50" height="50" stroke="purple" fill="transparent" stroke-width="2" /> <rect x="70" y="10" rx="10" ry="10" width="50" height="50" stroke="black" fill="lavender" stroke-width="2" /> </svg></pre>

When we discuss the **polyline**, there has one attribute called **points**, it is a list of points, each number separated by a space, comma, EOL, or a line feed character. Each point must contain two numbers, an x coordinate, and a y coordinate. So, the list (0,0), (1,1), (2,2) could be written: "0 0, 1 1, 2 2" or "0, 0, 1, 1, 2, 2".

id="group1d1" I use this for identified the SVG group. I create 11 groups Id for this code.

CSS code:

```
#svgJS g: hover polyline,
#svgJS g: hover line {
fill: none;
stroke-width: 2;
stroke: black;
}
```

```
#svgJS g: hover g text,
#svgJS g: hover text {
font-weight: bold;
}
```

```
#svgJS g: hover polygon,
#svgJS g: hover rect,
#svgJS g: focus polygon,
#svgJS g: focus rect {
fill: hsla(24, 20%, 50%, .3);
stroke: black;
stroke-width: 2;
}
```

}

`div {text-align: center;}`

I use for it to make my code clear.

JavaScript code.

```
document.getElementById("group1d1").
addEventListener("click", function() {
document.location.href="mainpage.html";
});
```

This code is used to link to the pages. Which we were create. I use this code for group (1,3,5,7,9,11,13,15) because there is the text element.

When I coding this some issues had to face. One is drawing rectangle are not same sizes. Then I looked at my code and find what is the number I code in height and weight and make it correctly. The second one is lining some lines are very long and some lines are shorter. I make these issues added 100 for the Line id group one by one. Then I solve it.

Second is Thumbnail Image's:

1. HTML CODE:

```
<link rel="stylesheet" href="style.css">
```

My CSS part and HTML coding part are separate, therefore I use this to link my CSS part to the HTML file.

```
<input type="radio" name="photos" id="check1" checked>
```

I use 4 input tags and their type is "radio", id is "check"

`<div>` is easy to find code places.

```
<label for="check1">All Photos</label>
<label for="check2">Beach Photos</label>
<label for="check3">Natural Photos</label>
<label for="check4">Historical Places Photos</label>
```

It is used for the navigation bar.

```

```

Insert images for my website. `<p>` tag use for written some paragraphs. `` is use for bold my text.

2. CSS CODE:

```
*{
    margin:0;
    padding:0;
    box-sizing:border-box;
    font-family:sans-serif;
}
input{
    display:none;
}
.container{
    width:100%;
    text-align:center;
}
h1{
    font-weight:normal;
    font-size:35px;
    position:relative;
    margin:40px 0;
}
h1::before{
    content:"";
    position:absolute;
    width:100px;
    height:3px;
    background-color:crimson;
    bottom:-10px;
    left:50%;
    transform:translateX(-50%);
    animation:animate 4s linear infinite;
}
@keyframes animate{
    0%{
        width:100px;
    }
    50%{
        width:200px;
    }
    100%{
        width:100px;
    }
}
.top-content{
    background-color:rgb(243,243,243);
    width:90%;
    margin:0 auto 20px auto;
    height:60px;
    display:flex;
    align-items:center;
    border-radius:5px;
    box-shadow:3px 3px 3px lightgray;
}
```

```
}
h3{
    height:100%;
    background-color:rgb(221,221,221);
    line-height:60px;
    padding:0 50px;
    color:white;
}
label{
    display:inline-block;
    height:100%;
    margin:0 20px;
    line-height:60px;
    font-size:18px;
    color:gray;
    cursor:pointer;
    transition:.5s;
}
label:hover{
    color:black;
}
.photo-gallery{
    width:90%;
    margin:auto;
    display:grid;
    grid-template-columns:repeat(4,1fr);
    grid-gap:20px;
}
.pic{
    position:relative;
    height:230px;
    border-radius:10px;
    box-shadow:3px 3px 5px lightgray;
    cursor:pointer;
    transition:.5s;
}
.pic images{
    width:100%;
    height:100%;
    border-radius:10px;
    transition:.5s;
}
pic::before{
    content:"PHOTO GALLERY";
    position:absolute;
    top:50%;
    left:50%;
    transform:translate(-50%,-50%);
    color:white;
    font-size:22px;
    font-weight:bold;
    width:100%;
    margin-top:-100px;
    opacity:0;
    transition:.3s;
}
```

```
        transition-delay:.2s;
        z-index:1;
    }
    .pic:after{
        content:"";
        position:absolute;
        width:100%;
        bottom:0;
        left:0;
        border-radius: 10px;
        height:0;
        background-color:rgba(0,0,0,.4);
        transition:.3s;
    }
    .pic:hover::after{
        height:100%;
    }
    .pic:hover::before{
        margin-top:0;
        opacity:1;
    }
    #check1:checked~ .container .photo-gallery .pic{
        opacity:1;
        transform:scale(1);
        position:relative;
        transition:.5s;
    }
    #check2:checked~ .container .photo-gallery .beach{
        transform:scale(1);
        opacity:1;
        position:relative;
    }
    #check2:checked~ .container .photo-gallery .natural,
    #check2:checked~ .container .photo-gallery .place{
        opacity:0;
        transform:scale(0);
        position:absolute;
        transition:.0s;
    }
    #check3:checked~ .container .photo-gallery .natural{
        transform:scale(1);
        opacity:1;
        position:relative;
    }
    #check3:checked~ .container .photo-gallery .beach,
    #check3:checked~ .container .photo-gallery .place{
        opacity:0;
        transform:scale(0);
        position:absolute;
        transition:.0s;
    }
    #check4:checked~ .container .photo-gallery .place{
        transform:scale(1);
```



```

    opacity:1;
    position:relative;
}
#check4:checked~ .container .photo-gallery .beach,
#check4:checked~ .container .photo-gallery .natural{
    opacity:0;
    transform:scale(0);
    position:absolute;
    transition:.0s;
}

```

This code makes my website perfect.

When I discuss this code have to face one problem. My insert image sizes are not the same, when I insert images and it gets different sizes. And different places. I make this issue using photoshop software.

3. Janet

I insert my details to the website, Website images and information cannot Copywrite, As a result of these things users find this website is in the security policies of Janet. Then they use my website without any risk. I'm not linked with advertising on my website then it is a rule in Janet's requirement. And I'm not linking my website with private websites. My website information is updated then, the user. It is in the Janet policies.

References

- 1.WordPress For Beginners 2019, Salman Khurshid, Asif Mahmud
2. The Essential Beginner's Guide to Learning HTML Coding, Jo Foster,2018
- 3.W3 school links 1: https://www.w3schools.com/graphics/svg_intro.asp
- 4.w3 school links 2:https://www.w3schools.com/html/html5_svg.asp
5. I reference the Lecture slides, example codes, and tutorial works.

Appendices

Appendix A: Code

01.

Part 1

Filename: tripPlan/style.css

Code:

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}
input {
  display: none;
}
.container {
  width: 100%;
  text-align: center;
  margin-top: 10vh;
}
h1 {
  font-weight: normal;
  font-size: 35px;
  position: relative;
  margin: 40px 0;
}
h1::before {
  content: "";
  position: absolute;
  width: 100px;
  height: 3px;
  background-color: crimson;
  bottom: -10px;
  left: 50%;
  transform: translateX(-50%);
  animation: animate 4s linear infinite;
}
@keyframes animate {
  0% {
    width: 100px;
  }
  50% {
    width: 200px;
  }
  100% {
    width: 100px;
  }
}
.top-content {
  background-color: rgb(243, 243, 243);
  width: 90%;
  margin: 0 auto 20px auto;
  height: 60px;
  display: flex;
  align-items: center;
  border-radius: 5px;
  box-shadow: 3px 3px 3px lightgray;
}
h3 {
```

```
height: 100%;
background-color: rgb(221, 221, 221);
line-height: 60px;
padding: 0 50px;
color: white;
}
label {
display: inline-block;
height: 100%;
margin: 0 20px;
line-height: 60px;
font-size: 18px;
color: gray;
cursor: pointer;
transition: 0.5s;
}
label:hover {
color: black;
}
.photo-gallery {
width: 90%;
margin: auto;
display: grid;
grid-template-columns: repeat(4, 1fr);
grid-gap: 20px;
}
.pic {
position: relative;
height: 230px;
border-radius: 10px;
box-shadow: 3px 3px 5px lightgray;
cursor: pointer;
transition: 0.5s;
}
.pic images {
width: 100%;
height: 100%;
border-radius: 10px;
transition: 0.5s;
}
pic::before {
content: "PHOTO GALLERY";
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
color: white;
font-size: 22px;
font-weight: bold;
width: 100%;
margin-top: -100px;
opacity: 0;
transition: 0.3s;
transition-delay: 0.2s;
z-index: 1;
```

```
}  
.pic:after {  
  content: "";  
  position: absolute;  
  width: 100%;  
  bottom: 0;  
  left: 0;  
  border-radius: 10px;  
  height: 0;  
  background-color: rgba(0, 0, 0, 0.4);  
  transition: 0.3s;  
}  
.pic:hover::after {  
  height: 100%;  
}  
.pic:hover::before {  
  margin-top: 0;  
  opacity: 1;  
}  
#check1:checked ~ .container .photo-gallery .pic {  
  opacity: 1;  
  transform: scale(1);  
  position: relative;  
  transition: 0.5s;  
}  
#check2:checked ~ .container .photo-gallery .beach {  
  transform: scale(1);  
  opacity: 1;  
  position: relative;  
}  
#check2:checked ~ .container .photo-gallery .natural,  
#check2:checked ~ .container .photo-gallery .place {  
  opacity: 0;  
  transform: scale(0);  
  position: absolute;  
  transition: 0s;  
}  
  
#check3:checked ~ .container .photo-gallery .natural {  
  transform: scale(1);  
  opacity: 1;  
  position: relative;  
}  
#check3:checked ~ .container .photo-gallery .beach,  
#check3:checked ~ .container .photo-gallery .place {  
  opacity: 0;  
  transform: scale(0);  
  position: absolute;  
  transition: 0s;  
}  
  
#check4:checked ~ .container .photo-gallery .place {  
  transform: scale(1);  
  opacity: 1;  
  position: relative;
```

```

}
#check4:checked ~ .container .photo-gallery .beach,
#check4:checked ~ .container .photo-gallery .natural {
  opacity: 0;
  transform: scale(0);
  position: absolute;
  transition: 0s;
}

/* Footer Styles */
.footer {
  width: 100vw;
  height: 5vh;
  background: #fff;
  display: flex;
  justify-content: space-evenly;
  align-items: center;
}
.pageEditor a,
.pageEditor a:visited {
  text-decoration: none;
  color: rgb(0, 0, 0);
  transition: all 1s ease;
}

.pageEditor a:hover {
  color: #ff6565;
}

.pageEditor a span {
  border-left: 3px solid #ff6565;
  padding-left: 5px;
}

```

Part 2

Filename: tripPlan/index.html

Code:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>AM WEBTECH</title>
  <!-- CUSTOM CSS -->
  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet" href="../Navbar/navbar.css">
</head>

```

```
<body>
```

```

    <nav class="navbar">
      <div class="navbar-brand">
        
      </div>
      <ul class="nav-list">
        <li class="nav-item"><a class="nav-link" href="../homepage.html">Home</a></li>
        <li class="nav-item"><a class="nav-link" href="https://en.wikipedia.org/wiki/History_of_Sri_Lanka">History</a></li>
        <li class="nav-item"><a class="nav-link" href="../Store/backpacks.html">Buy Product</a></li>
        <li class="nav-item"><a class="nav-link" href="../quiz/index.html">Quiz</a></li>
        <li class="nav-item"><a class="nav-link active" href="../tripPlan/index.html">Trip plan</a></li>
        <li class="nav-item"><a class="nav-link" href="https://www.google.com/maps/place/Sri+Lanka/@7.9891315,80.4602138,8.56z/data=!4m5!3m4!1s0x3ae2593cf65a1e9d:0xe13da4b400e2d38c!8m2!3d7.873054!4d80.771797">Map</a></li>
        <li class="nav-item"><a class="nav-link" href="../aboutUs/index.html">About us</a></li>
      </ul>

```

```

    <div class="menu-toggle">
      <div class="hamburger">
      </div>
    </div>
  </nav>

```

```

<input type="radio" name="photos" id="check1" checked>
<input type="radio" name="photos" id="check2">
<input type="radio" name="photos" id="check3">
<input type="radio" name="photos" id="check4">

```

```

<div class="container">
  <h1> SRI LANKA PHOTO GALLERY</h1>
  <div class="top-content">
    <h3>Photos Gallery</h3>
    <label for="check1">All Photos</label>
    <label for="check2">Beach Photos</label>
    <label for="check3">Natural Photos</label>
    <label for="check4">Historical Places Photos</label>
  </div>
  <div class="photo-gallery">
    <div class="pic place">
      
      <p><b>Anuradhapura</b></p>
      <p>Anuradhapura is one of the ancient <br> capitals of Sri Lanka</p>
    </div>
    <div class="pic natural">
      
      <p><b>Ella</b></p>
      <p>The area has a rich bio-diversity, dense with numerous varieties of flora and fauna.</p>
    </div>
  </div>

```

```

<div class="pic place">
    
    <p><b>Galle Fort</b></p>
    <p>Galle Fort is set on a peninsula within the walled remains of a
fortress first developed by the Portuguese.</p>
</div>
<div class="pic natural">
    
    <p><b>Haputhale</b></p>
    <p>Haputale is surrounded by hills covered with cloud forests and tea
plantations.</p>
</div>
<div class="pic place">
    
    <p><b>Katharagama</b></p>
    <p>Kataragama is a pilgrimage town sacred to Buddhist, Hindu and
indigenous Vedda people of Sri Lanka.</p>
</div>
<div class="pic place">
    
    <p><b>Kandasamy Temple in Trincomalee</b></p>
    <p>It is hindu temple. The temple lies on a high rocky promontory
surrounded on three sides by the sea.</p>
</div>
<div class="pic natural">
    
    <p><b>Nuwaraeliya</b></p>
    <p>Nuwara Eliya is a city in the tea country hills of central Sri
Lanka.</p>
</div>
<div class="pic natural">
    
    <p><b>Pinawala Elephant Orphanage</b></p>
    <p>Pinawala Elephant Orphanage is an orphanage, nursery and
captive breeding ground for wild Asian elephants.</p>
</div>
<div class="pic place">
    
    <p><b>The Dambulla Cave Temple</b></p>
    <p>Dambulla cave temple also known as the Golden Temple of
Dambulla is a World Heritage Site in Sri Lanka.</p>
</div>
<div class="pic place">
    
    <p><b>Sigiriya</b></p>
    <p>Sigiriya or Sinhaagiri is an ancient rock fortress located in the
northern Matale District near the town of Dambulla in the Central Province, Sri Lanka.</p>
</div>
<div class="pic place">
    
    <p><b>Nagha Theepa Temple</b></p>

```

<p>Nagadeepa Purana Vihara is an ancient Buddhist temple situated in Jaffna district of Northern Province, Sri Lanka. It is among the country's sixteen holiest Buddhist shrines.</p>

</div>

<div class="pic place">

<p>Adam's Peak</p>

<p>The depression is venerated alike by Buddhists, Muslims, and Hindus, who regard it as the footprint of the Buddha, Adam, and Śiva, respectively. Many pilgrims of all faiths visit the peak every year.</p>

</div>

<div class="pic place">

<p>Temple of the Tooth Kandy</p>

<p>Temple of the Tooth Kandy is a Buddhist temple. There is the relic of the tooth of the Buddha</p>

</div>

<div class="pic natural">

<p>Pedro Tea Estate</p>

<p>To see where your morning cup of tea originates, visit the Pedro Tea Estate. It is situated in Nuwara Eliya</p>

</div>

<div class="pic natural">

<p>Polhena Beach</p>

<p>Located not far from the city centre of Matara, the Polhena Beach offers the perfect atmosphere for a beach getaway, without the crowds of tourists, making it all the more exclusive to anyone who visits the sandy stretch</p>

</div>

<div class="pic place">

<p>Dondra Light House</p>

<p>Dondra Head Lighthouse is tallest lighthouse, and also one of the tallest in South East Asia.</p>

</div>

<div class="pic place">

<p>Sri Lanka National Museum</p>

<p>The National Museum of Natural History is a museum that covers the natural heritage of Sri Lanka.</p>

</div>

<div class="pic place">

<p>Tissamaharama Raja Maha Vihara</p>

<p>It was one of the four major Buddhist monasteries established in Sri Lanka, after the arrival of Arhant Mahinda Thera to the country.</p>

</div>

<div class="pic natural">

</div>


```

        <p><b>Ravana Water Falls</b></p>
        <p>Ravana Falls is a popular sightseeing attraction in Sri Lanka. It
currently ranks as one of the widest falls in the country.</p>
    </div>
    <div class="pic natural">
        
        <p><b>Yalle National Park</b></p>
        <p>Yala National Park is a huge area of forest, grassland and lagoons
bordering the Indian Ocean, in southeast Sri Lanka. </p>
    </div>
    <div class="pic beach">
        
        <p><b>Arugam bay Beach</b></p>
        <p>It is situated on the Indian Ocean in the dry zone of Sri Lanka's
southeast coast, and a historic settlement of the ancient Batticaloa Territory.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Bentota Beach</b></p>
        <p>Its long Bentota Beach stretches north, where it becomes a sandy
strip known as Paradise Island, parallel to Bentota Lagoon. Coral-rich dive sites include
Canoe Rock.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Hikkaduwa Beach</b></p>
        <p>Hikkaduwa is a seaside resort town in southwestern Sri Lanka. It's
known for its strong surf and beaches.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Kalkudah Beach</b></p>
        <p>Kalkudah is a pristine beach on the East coast of Sri Lanka – a
spectacular destination that offers the perfect blend of relaxation and excitement.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Mirissa Beach</b></p>
        <p>Mirissa is a small town on the south coast of Sri Lanka, located in
the Matara District of the Southern Province.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Muhathuwaram Beach</b></p>
        <p>It's a wonderful stretch of remote beach, surrounded by fishing
villages, with no real development.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Negombo Beach</b></p>
        <p>Negombo is a small beach town located near Bandaranaike
International Airport. It is full of decent hotels and restaurants, as well as an OK beach</p>

```

```

    </div>
    <div class="pic beach">
        
        <p><b>Nilaveli Beach</b></p>
        <p>The Nilaveli Beach is situated in the coastal town of Nilaveli, which
is about 16 km North of Trincomalee. It is a beautiful white sandy beach with waves ideal for
surfing.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Tangalle Beach</b></p>
        <p>Tangalle Beach (also called Tangalla) encapsulates all that is
alluring about this part of Sri Lanka: An unspoiled stretch of sand and a constant crash of
waves make the area popular with both sunseekers and surfers.</p>
    </div>
    <div class="pic beach">
        
        <p><b>Unawatuna Beach</b></p>
        <p>Unawatuna and its beach are near the colonial town of Galle,
which is a great city for sightseeing. Sri Lanka was formerly a colony of both Portugal and
Holland</p>
    </div>
    <div class="pic beach">
        
        <p><b>Uppuveli Beach</b></p>
        <p>This is a real, rural beach, so your day at the beach just might be
shared with a local cow.</p>
    </div>
    <div class="pic natural">
        
        <p><b>Great World's End Drop</b></p>
        <p>World's End is located within the Horton Plains National Park in
Nuwara Eliya District, Sri Lanka. It is a sheer cliff, with a drop of about 4,000 feet.</p>
    </div>
    <div class="pic natural">
        
        <p><b>Hikkaduwa Turtles</b></p>
        <p>From rehabilitation of injured sea turtles to providing a safe
nesting ground, the sea turtle hatchery in Sri Lanka aims at protecting and saving the sea
turtles that visit the golden shores of the island.</p>
    </div>
    <div class="pic natural">
        
        <p><b>Sinharaja Rain Forest</b></p>
        <p>Sinharaja Forest Reserve is a forest reserve and a biodiversity
hotspot in Sri Lanka. It is of international significance and has been designated a Biosphere
Reserve and World Heritage Site by UNESCO</p>
    </div>
    <div class="pic natural">
        
        <p><b>Madol Duwa</b></p>

```

```

        <p>Madol Duwa is a yet another island whereas became very famous
through the ~Madol Duwa book.</p>
    </div>
</div>

```

```

    <div class="footer">
        <div class="pageEditor">
            Developed By: <a href="../Resume/sajith/index.html">Sajith Nirmana
<span>Student 4</span></a>
        </div>
    </div>
</div>
<script src="../Navbar/navbarScript.js"></script>

</body>
</html>

```

02.

Filename: Group H1.html

Code:

```

<!doctype html>
<html>
    <head>
        <title>SVG</title>
        <style>
            *{
                margin:0;
                padding:0;
                box-sizing: border-box;
            }

            .wrapper{
                background-color: lightblue;
            }

            #svgJS rect{
                cursor: pointer;
            }

            #svgJS g:hover polyline,
            #svgJS g:hover line {
                fill: none;
                stroke-width: 2;
                stroke: black;
            }

            #svgJS g:hover g text,
            #svgJS g:hover text {
                font-weight: bold;
            }

```

```

    }

    #svgJS g: hover polygon,
    #svgJS g: hover rect,
    #svgJS g: focus polygon,
    #svgJS g: focus rect {
        fill: hsla(24, 20%, 50%, .3);
        stroke: black;
        stroke-width: 2;
    }

    div {text-align: center;}

</style>
</head>
<body>
    <div class="wrapper">
        <h1>SVG Diagram</h1>
        <svg id="svgJS" height="1000" width="360">
            <g id="group1d1">
                <rect x="15" y="130" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
                <text fill="#000" font-size="14" x="90" y="160" font-
family="Arial" text-anchor="middle">Home Page</text>
            </g>
            <g id="group1d2" >
                <line id="shapeld2" stroke="purple" stroke-width="2" x1="90"
y1="180" x2="90" y2="230"></line>
                <polyline points="95, 220 90, 230 85, 220" stroke="purple"
stroke-width="2" fill="none" />
            </g>
            <g id="group1d3" >
                <rect x="15" y="230" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
                <text fill="#000" font-size="14" x="90" y="260" font-family="Arial" text-
anchor="middle">History</text>
            </g>
            <g id="group1d4" >
                <line id="shapeld4" stroke="purple" stroke-width="2" x1="90"
y1="280" x2="90" y2="330"></line>
                <polyline points="95, 320 90, 330 85, 320" stroke="purple"
stroke-width="2" fill="none" />
            </g>
            <g id="group1d5" >
                <rect x="15" y="330" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
                <text fill="#000" font-size="14" x="90" y="360" font-family="Arial" text-
anchor="middle">Buy Product</text>
            </g>
            <g id="group1d6" >
                <line id="shapeld6" stroke="purple" stroke-width="2" x1="90"
y1="380" x2="90" y2="430"></line>
                <polyline points="95, 420 90, 430 85, 420" stroke="purple"
stroke-width="2" fill="none" />

```

```

    </g>
    <g id="group1d7" >
        <rect x="15" y="430" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
        <text fill="#000" font-size="14" x="90" y="460" font-family="Arial" text-
anchor="middle">Quiz</text>
    </g>
    <g id="group1d8" >
        <line id="shapeld8" stroke="purple" stroke-width="2" x1="90"
y1="480" x2="90" y2="530"></line>
        <polyline points="95, 520 90, 530 85, 520" stroke="purple"
stroke-width="2" fill="none" />
    </g>
    <g id="group1d9" >
        <rect x="15" y="530" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
        <text fill="#000" font-size="14" x="90" y="560" font-family="Arial" text-
anchor="middle">Trip plan</text>
    </g>
    <g id="group1d10" >
        <line id="shapeld10" stroke="purple" stroke-width="2" x1="90"
y1="580" x2="90" y2="630"></line>
        <polyline points="95, 620 90, 630 85, 620" stroke="purple"
stroke-width="2" fill="none" />
    </g>
    <g id="group1d11" >
        <rect x="15" y="630" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
        <text fill="#000" font-size="14" x="90" y="660" font-family="Arial" text-
anchor="middle">Map</text>
    </g>
    <g id="group1d12" >
        <line id="shapeld12" stroke="purple" stroke-width="2" x1="90"
y1="680" x2="90" y2="730"></line>
        <polyline points="95, 720 90, 730 85, 720" stroke="purple"
stroke-width="2" fill="none" />
    </g>
    <g id="group1d13" >
        <rect x="15" y="730" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
        <text fill="#000" font-size="14" x="90" y="760" font-family="Arial" text-
anchor="middle">About us</text>
    </g>
    <g id="group1d14" >
        <line id="shapeld14" stroke="purple" stroke-width="2" x1="90"
y1="780" x2="90" y2="830"></line>
        <polyline points="95, 820 90, 830 85, 820" stroke="purple"
stroke-width="2" fill="none" />
    </g>
    <g id="group1d15" >
        <rect x="15" y="830" height="50" width="150" stroke="purple"
fill="none" stroke-width="2" />
        <text fill="#000" font-size="14" x="90" y="860" font-family="Arial" text-
anchor="middle">Query</text>
    </g>

```

```

        </svg>
    </div>
    <script>
        document.getElementById("groupId1").
            addEventListener("click", function() {
                document.location.href="homepage.html";
            });
        document.getElementById("groupId3").
            addEventListener("click", function() {
                document.location.href="https://en.wikipedia.org/wiki/History_of_Sri_Lanka";
            });
        document.getElementById("groupId5").
            addEventListener("click", function() {
                document.location.href="/Store/backpacks.html";
            });
        document.getElementById("groupId7").
            addEventListener("click", function() {
                document.location.href="/quiz/index.html";
            });
        document.getElementById("groupId9").
            addEventListener("click", function() {
                document.location.href="/tripPlan/index.html";
            });
        document.getElementById("groupId11").
            addEventListener("click", function() {
                document.location.href="https://www.google.com/maps/place/Sri+Lanka/@7.989131
5,80.4602138,8.56z/data=!4m5!3m4!1s0x3ae2593cf65a1e9d:0xe13da4b400e2d38c!8m2!3d
7.873054!4d80.771797";
            });
        document.getElementById("groupId13").
            addEventListener("click", function() {
                document.location.href="/aboutUs/index.html";
            });
        document.getElementById("groupId15").
            addEventListener("click", function() {
                document.location.href="/query form/queryform.html";
            });
    </script>
</body>
</html>

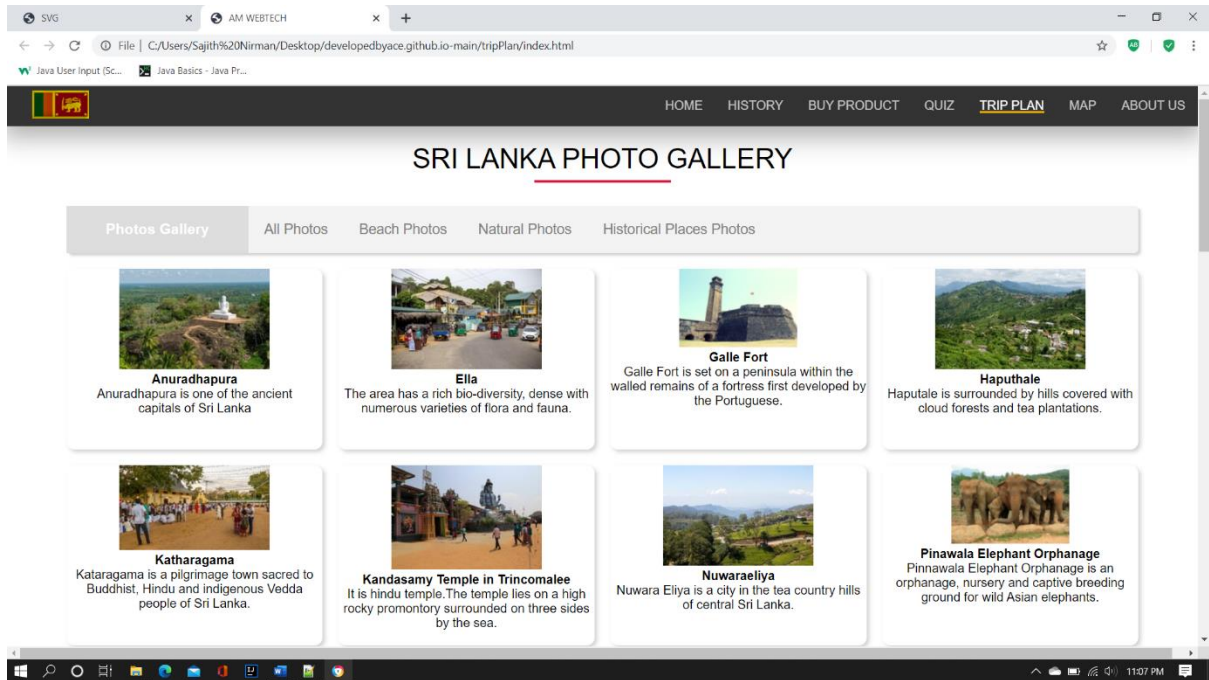
```

Appendix B: Screenshots

01.

Filename: tripPlan/index.html

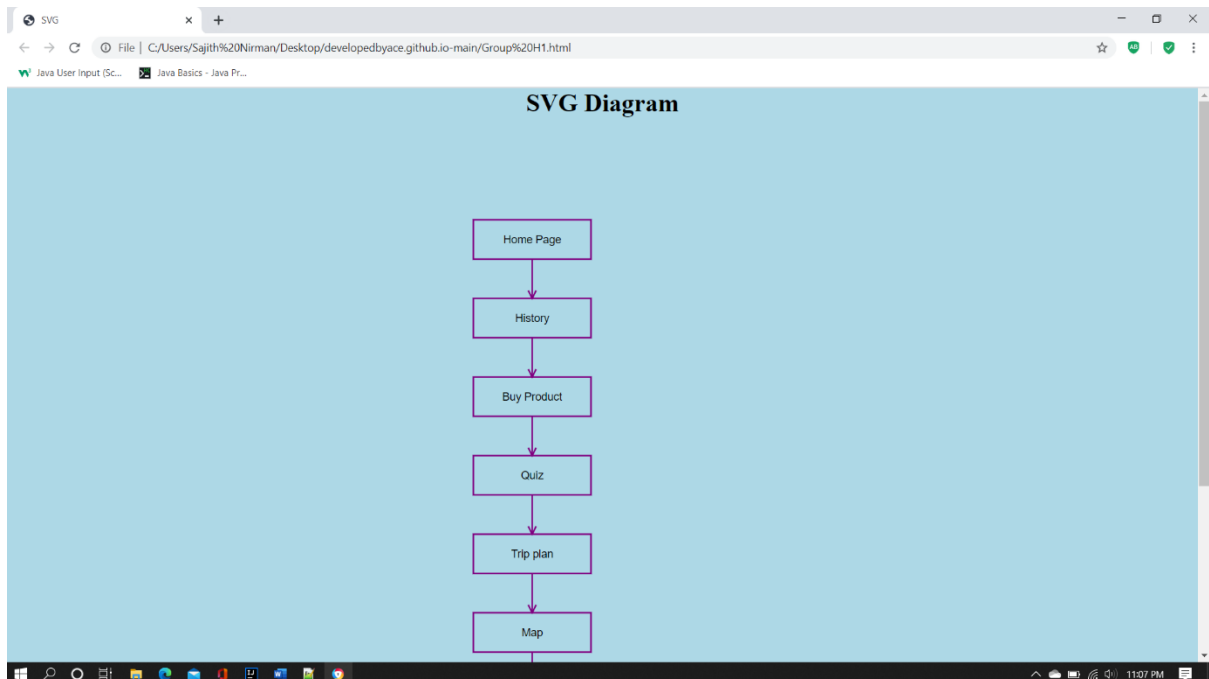
Screenshot:



02.

Filename: Group H1.html

Screenshot:



Appendix C: Individual Statement

Student Name:	D.P. Sajith Nirmana	Student Id:	2019048
State what tasks you carried out in the project.			
I'm student 4 I have to code Diagram SVG and Thumbnail Image's and create some CSS part in our webpage.			
State what you enjoyed and did not enjoy about teamwork.			
Yes, I enjoyed it, we always work together and helped each other to finish their work.			
State what you learned about teamwork.			
It helps us to save our time and get ideas from other members of the group.			
State what skills you gained/learned from undertaking the project.			
Respect each other's, time management			
State any strengths about yourself that emerged whilst undertaking the project.			
Yes, a group member is always helping me to finish my code, they show what is the wrong thing in my code and they help to recode it.			
State any weaknesses about yourself that emerged whilst undertaking the project.			
Time management			
State how you would do things better if you were to undertake the project again.			
Always I spent my time finishing my code.			
Additional general or project-specific comments:			
I enjoyed this assignment very much.			
Student Signature:	Sajith	Date:	24/03/2021