Title: Website of My Personal Trip to Olympia National Park(USA)

Author: Zi An wang 300366378

Class: CSIS1280 F2022

Introduction:

This website is a personal record of my trip to Olympia National Part in Washington State of USA. The trip was full of pleasure and I would like to record some never-forgotten points for sharing with my friends and other people.

Website Layout:

The website is going to use different CSS stylesheet, including style.css, form.css, table.css, validation.css, grid.css and media.css. The style.css regulates the style of design of the website elements. And I also uses form.css to regulate the form and table.css to regulate the table for video and images. A table is used to contain videos and images of the website. Validation.css will be used to regulate input validation from visitors about their comments to me. And media.css is used to ensure the webpage fits in different electronic devices.

One java script will be used to animate the input form and ensure visitors’ pleasure and experience of the website. The headers.js generates three different header message in three pages. It creates div for each letter and style a shifting color change to animate a sailing boat driving across the header message letters. In the third page, validation.js and form.js are used to regulated the form. The form.js is triggered by onclick event at the submit button on the form. And the validation.js is triggered in the form.js. The form.js will run validation function while a visitor input the form. Validation completed as the form completed. The form.js will use the visitors’ input and selection to re-write into a talking script into the side area and a “Thankyou” image is pumped out after the client submit their writing in the text area.

The website will also use flexbox to ensure its responsiveness to various devices.

Header and nav

Sider: List of Scenes

Background of Olympic Park

Transportation:

Map:

Footer: Address & Copyright

Header and nav

Article

Picture

Footer: Address & Copyright

Article

VIdeo

Article

Picture

Header and nav

Animation

Form: User to input their information and feedback to me.

Footer: Address & Copyright

Page 1

Index Page

Page 2

Web Organization

Index Page is the introduction page of the website. It opens links to the next two pages in the header navigation area. The list of content of page 1 is below:

<span class="article">

<h2>About the Trip</h2>

<span> <h3>Olympic National Park</h3>

<p> Introduction of the park </p>

</span>

<span> <h3>the Trip</h3>

<p> Information of the trip </p>

</span>

<span> <h3>Map</h3>

<img> image of map

</span>

</article>

</div>

<footer>

<span> <small>Address and Contact Info </small> </span>

<span> <small>CopyRight and Name</small> </span>

</footer>

</body>

</html>

<head>

</head>

<body onload="generateHeader1()">

<header>

<h1> header.js applies here </h1>

<Nav>

<ul> <li> <a > Link to page 1</a> </li>

<li> <a > LInk to page 2 </a> </li>

<li> <a> Link to page 3</a> </li>

</ul>

</Nav>

</header>

<div class="grid">

<span class="sider"> <h2>Jump to the Scene</h2>

<ul> <li><a> LInk to table Neah Bay</a> </li>

<li> <a> Link to table Flattery</a></li>

<li> <a> LInk to table Angeles</a></li>

</ul>

</span>

The Page 2 contains the media linkage about the scenes. The page uses table to display the page and reacting to the change of devices. The header still uses Header.js to display the header. The body of the page is a table display youtube videsos of each scene.

<tr id="Flattery">

<th>Cape Flattery</th>

<td>Youtube 2</td>

</tr>

<tr id="Angeles">

<th>Port Angeles</th>

<td>Youtube 3 </td>

</tr>

</table>

</div>

<footer>

<span> <small>Address and Contact</smal> </span>

<span> <small>CopyRight and Name</small></span>

</footer>

</body>

</html>

<!DOCTYPE html>

<html> <head> CSS and JS </head>

<body onload="generateHeader2()"> Js EventListener

<header><h1> header.js applies here</h1>

<Nav> <ul> <li> <a>Link to Page1</a> </li>

<li> <a>LInk to Page 2</a> </li>

<li> <a>Link to Page 3</a> </li>

</ul>

</Nav>

</header>

<div class="page2\_table"> <table> <tr id="Neah">

<th> <p>Neah Bay</p> </th>

<td> <p >Youtube1</p></td>

</tr>

Page 3 is the interaction page with the visitors. It will require the visiter of the website to fill a form and left a few words. The form is validated by validation.js to ensure correct fill-in. The visiter’s input information will be present in the side bar. Once the user finish the text area feedback, a picture of “Thank you” will show up. It is also controled by the form.js.

<div><label for="firstName"></label><input type="text" name="firstName" id="firstName" placeholder="Enter your First Name here" required> </div>

<div> <label for="lastName"></label><input type="text" name="lastName" id="lastName" placeholder="Enter your Last Name here" required> </div>

<div> <label for="country"></label> <input type="text" name="country" id="country" placeholder="Tell me where are you from" required> </div>

<div> <lable for="email"></lable><input type="email" name="email" id="email" placeholder="Please leave a way to contact you" required></div>

<div> <lable for="favorite"></lable><select name="favorite" id="favorite" size="3" mutiple> </select></div>

</fieldset>

<fieldset> <legend></legend>

----Questionaire form----

<input type="submit" name="submit" value="Submit This Form" onClick="processData(this.form)" >

----trigger form.js -----</div>

<div> <lablel for="feedback"></lablel>

<textarea name="feedback"> </textarea></div>

<div> <input type="submit" name="submit" value="Submit Your Feedback" onclick="thankYou()"> </div>

</fieldset>

</form>

</span>

</div>

<footer> <span> <small>Address </small> </span>

<span> <small>CopyRigh tand Name</small></span>

</footer>

</body>

</html>

<!DOCTYPE html>

<html lang="en"> <head>CSS and JS</head>

<body onload="generateHeader3()">

<header> <h1>header.js applies here </h1>

<Nav> <ul> <li><al>Link to Page1</a> </li>

<li> <a >LInk to Page2</a> </li>

<li> <a >Link to Page3</a> </li>

</ul>

</Nav>

</header>

<div class="grid"><span class="sider" > <p id="sidera">input invisible </p>

<p id="thankyou\_span">Image invisible </p>

</span>

<span class="article" id="log\_book">

<h2>Visitor Logging Book</h2>

<div>instruction</div>

<form>

<fieldset> <legend></legend>

Content declaration:

1. Introduction of Olympic National Park :
   1. ---https://www.olympicnationalparks.com/discover/area-information/park-history/
2. Youtube videos: