W12 Term Project: The Temple Inn & Suites Description

Overview

The Term Website Project is designed to be a comprehensive assessment of all the course objectives. You will be given specifications as if you were contracted to plan, design, and build a prototype website for an organization. In addition, developmental specifications will be given to ensure proper assessment of the application of course content, skills, and technologies. This independent, term project will be of your own design and work, you may not consult or work with any other individual or group. The content is fictitious, but the site should be complete without any placeholders or nonsense language. Create a working site containing relevant and reasonable information. The images and brief verbiage may be referenced from other sources which will need to be cited in a resource reference page, which link will be located in the footer.

Company Description

The **Temple Inn & Suites**is a hotel chain headquartered in Bethesda, MD that builds and manages specialized hotel accommodations near temple locations of The Church of Jesus Christ of Latter-day Saints around the world. The owner-operated company caters to temple workers, patrons, and their families by providing specialized services and accommodations that meet the needs of those patrons. The hotel accommodations and services are available to anyone willing to abide by the terms and policies outlined by the company. The overall goal of the website project is to promote and provide information about the specialized services that this hotel chain offers to meet the needs of temple patrons who come to serve in the temple or who participate in events such as sealings, weddings, receptions, and youth trips. The website should reflect the Church culture and be designed to support a temple oriented theme as well as the concept of being a haven of comfort and accessibility.

**Specialized Services**

* Free access to changing rooms and bathroom facilities for temple patrons who have traveled far and need to change to and from church clothes
* A playroom and low-cost, short-term babysitting services for the children of patrons
* Long-term stay accommodations in kitchenette suites for full-time temple missionaries
* Temple history themed reception and sitting area
* A wedding reception hall that can be easily customized with a simple catering menu and kitchen access for food preparation and serving
* A family search center that supports family search and ordinance work
* [Other ideas are welcome]

**Free Amenities**

* Breakfast
* Exercise/workout room
* Indoor pool
* WiFi high-speed internet access and smart TVs
* Parking
* Temple shuttle
* Family history consultation and family ordinance card service

Specifications

The following design and content-specific items are required in order to meet the functional specifications of this final project.

* The site must be **responsive** to small, medium, and larger, wide screen views.
* The design is consistent throughout the website providing ease of **navigation** and supports excellent user experiences.
* The **home**page is a contemporary, exciting landing page providing images of temples and temple attending activities and must include the following:
  + A call to action to make a hotel reservation
  + Readily available navigation and contact information for the hotel chain
  + Summary information about a temple of your choosing
* The **temple** page describes the details for at least four temples of your choice providing information about the address, telephone, email, services, history, ordinance schedule, session schedule, temple closure schedule (from a JSON source), and summary—current weather information obtained from a third party API.
* The **reservation** page contains a form that collects relevant information when making a normal stay reservation including the location, date, number and type of rooms, registrant's full name, email, phone, home state or country, and special accommodations/comments. You will need to use the CSS flex method for the layout of your reservation form for full credit.
* The **services** page provides a list with information of the amenities and special services offered at the hotel along with the following sub pages/content:
  + The **reception** page displaying information about the wedding reception accommodations, including options for food service and setup.
  + A **full-time temple missionary**page that provides information and images about the suites offered at the hotel with a simple Contact Us form for more details.
* The **contact page** will contain essential contact information including an [embedded Google map (Links to an external site.)](https://support.google.com/maps/answer/144361?co=GENIE.Platform%3dDesktop&hl=en) showing the company headquarter address at *4800 Montgomery Ln #300, Bethesda, MD 20814* and a basic Contact Us form.

Developmental Specifications

The following development specifications are required in addition to the customer specifications in order to receive full credit on the term project.

* Your HTML structure and CSS presentation may not be an exact replication of your weather site.
* Structure the site with **valid,** standards-based, **semantic** markup that is responsive to small, medium and large screen views without violating PARC principles.
* Ensure that all browsers render elements consistently by referencing a **normalization or reset**CSS on all pages.
* Design a **logo** to be used at appropriate levels and locations throughout the website.
* Follow **PARC** principles and **typography** best-practices throughout the website.
* Implement an appropriate **font** of your choice, using a [Google Fonts (Links to an external site.)](https://fonts.google.com/) **reference** or equivalent resource.
* Read the current temple closure schedule from a **JSON** file and use that information on the temple page.  
  You will need to create the JSON file and store it under a directory (folder) on your site.  
  *Temple Information can be found on*[*Temples list (Links to an external site.)*](https://www.lds.org/temples/list)*on lds.org.*
* Use the practice of **wayfinding** to improve the user experience of understanding where a user is on the website.
* Ensure that each **page weight** does not exceed the ~500k benchmark.
* Your page must pass the [Chrome DevTools audit (Links to an external site.)](https://developers.google.com/web/tools/lighthouse/) at 85% or better in the areas of **performance, accessibility, best practice***,*and **SEO** for consideration for full credit. ➨
* Ensure that there are no **spelling** **or** **grammatical** errors.
* Include a **resource page** that references outside content, if necessary, as a link in the footer.
* **Publish** the complete, working site to your Github Pages site in an organized way.

**Important Information**

This is a web course intended to help you learn how to construct websites using the core web technologies of contemporary HTML, CSS, and JavaScript. Outside templates are NOT allowed. Pages built from site builder software or drag-and-drop tools or that are based on existing sites are not allowed and will lead to a failing grade on the term project.

Assessment

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| **Assessment Criteria  100 points possible** | |
| **Objective 1: HTML—Develop fluency in the application of contemporary Hypertext Markup Language** |  |
| All pages are HTML5 valid and use appropriate semantic elements. Heading element is used in the proper order, levels, and elements on all pages. The structure used in this project is not an exact or near exact replication of the weather site structure. | 15 points |
| **Objective 2: CSS—Develop fluency in the application of contemporary Cascading Style Sheets markup.** |  |
| All pages are CSS valid. Media queries are used to ensure proper presentation in all views. The site uses normalization or equivalent. The CSS is not repeated unnecessarily between views. | 15 points |
| **Objective 3: JavaScript—Apply JavaScript browser interactions, get JSON data, and utilize popular libraries and frameworks.** |  |
| A third party API is used to gather weather information on the temple information page. | 5 points |
| A JSON file is created and used to deliver temple closure schedule. | 5 points |
| **Objective 4: UX—Plan, design, and develop visually appropriate, usable, and findable user interfaces (UI) and content.** |  |
| The visual appearance of all pages in the site must be responsive, uniform, and consistent at three view levels.  This includes using a Google Font reference or equivalent resource. | 10 points |
| All folders and files follow web naming rules and are friendly/semantic. | 5 points |
| The website follows PARC and typography design principles. | 10 points |
| The pages have page weights at the ~400–500k or less mark. | 5 points |
| Images, including the custom logo, and other graphical and functional elements are the appropriate type and size and enhance the UX. | 5 points |
| The registration form is complete, validates input, and utilizes the flex display property for layout. | 5 points |
| All pages are given appropriate titles that not only reflect the website but also the content of the page through keywords. | 5 points |
| **Objective 5: Professionalism—Work effectively and independently, communicate clearly on your design and specification report, and facilitate a positive experience regardless of any self-perceived shortcomings.** |  |
| The site is complete containing all of the functional specifications including all required content pages without spelling and grammatical errors. | 10 points |
| Tested pages pass the 85% or better mark on the Chrome DevTools Audit. | 5 points |

All course objectives and documented specifications are assessed in the Term Website Project. Use the following matrix to guide your development and testing before final submission. The point allocation on the right of each statement indicates the maximum points possible.