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IT 331-001

**Project #2 Submission**

URL: <https://mason.gmu.edu/~jchaudha/home.html>

**Project Overview**

This project is a Visit Nepal 2025 website that promotes Nepali culture, landscapes, and tourism opportunities. The website is designed using HTML, CSS, and JavaScript to create an interactive experience.

**File Structure**

* home.html - The homepage introduces Nepal as a travel destination with a slideshow and user interaction features.
* about.html – Contains information about Nepal’s culture, tourism, and historical significance.
* services.html - Details of various tourism services available, such as trekking, adventure tours, and accommodations.
* gallery.html - Displays a grid-based image gallery of Nepal’s attractions.
* contact.html - Provides contact information and a form for visitors to send inquiries.
* Styles.css - The external CSS file for styling the website with a responsive and visually appealing design.
* scripts.js - Contains JavaScript functions for interactivity, including random images, name storage, Array and the slideshow.

Modified Pages

* home.html – The homepage introduces Nepal as a travel destination with a slideshow and user interaction features. I added the web Storage which is localStorage display the web username and there is Reset Name button once user click the reset then website ask for the username. Also, there is a More explore button on the home page which opens a new window directly to external tourism sites. In the last it displays the last modified date.
* about.html – The about page just add the different image slideshow which is user interaction features.
* Styles.css – In the CSS file I Just modified the galleries images size, gallery layout, image styling and gallery hover effect.

**Newly Created**

* gallery.html – this is newly added html page in this project. gallery.html display some verity of the images which is make more attractive page for the user who want to visit Nepal 2025.
* scripts.js – This file modified to fix the random image display. JavaScript handles the function, array, button, localStorage, display the random image last modified date and net feature of the users an image slideshow experience.

**Project Requirements**

1. **Five pages created:** home.html, about.html, services.html, gallery.html and contact.html.
2. **Coding requirements:**

* Comments: Comments included explaining JavaScript functions
* Readability: Maintained using proper indentation and spacing which make code easy to read and structure’s body.

1. **Features**
2. **JavaScript functions**: Function is to get store username, reset the username JavaScript functions handle the slideshow, user interaction, and automatic random images slideshow. Also, the function displays the random travel tips, a new window external site, and display the last modified date and time on the home page.
3. **Array**: Used to store image paths and random tips for dynamic content generation. It’s first image display and starts changing images in 3 seconds to display random images.
4. **New browser window:** new browser window button includes in the home page explore more button which is user to a directly open new tourism site explore more information about the visit Nepal 2025.
5. **localStorage:** Uses localStorage to store and display the user’s name. First user has the localStorage property to store the user’s name and display a personalized greeting containing the user’s name on the page. This is included in the home.html page.
6. **Display random image:** Displays random images from an array upon page loaded this is included in three pages. All pages display random images on the pages.
7. **Last Modified Date:** In the home page in the bottom it shows the last modified date and time using document.lastModified.
8. **Neat Feature:** the neat feature to Interactive hover effects and an image slideshow user experience.
9. **Validation:** all pages are passed HTML validation with proper DOCTYPE, character encoding, and meta tags.
10. Overall, all links on all pages are easy to use and navigate and understand. All pages of the site are consistent in terms of the terms and color of them; fonts are with the use of the external style sheet.