College LaSalle

Project - Internet Programming
Technical Manual

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Start by adding a short description of your project, and the languages (technologies) used
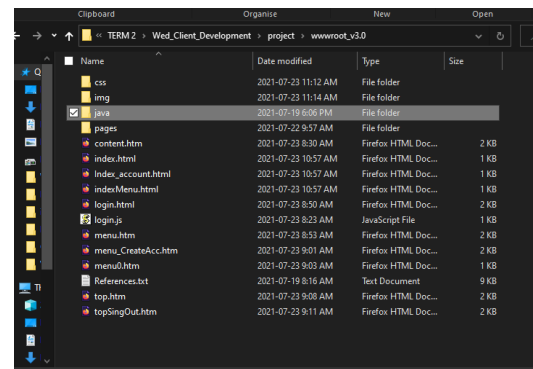
Languages:

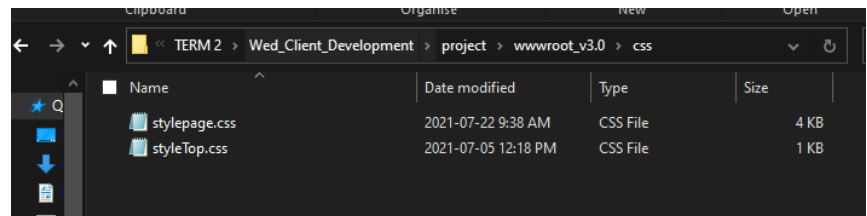1. HTML
2. CSS
3. JavaScript
4. JQuery

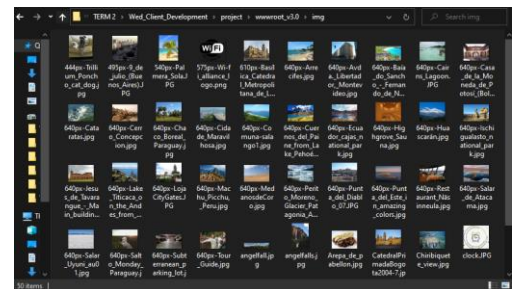**Presenting how the files/folders are organised.**

Main Folder **wwwroot**

1. content.htm
2. index.html
3. Index_account.html
4. indexMenu.html
5. login.html
6. login.js
7. menu.htm
8. menu_CreateAcc.htm
9. menu0.htm
10. References.txt
11. top.htm
12. topSingOut.htm
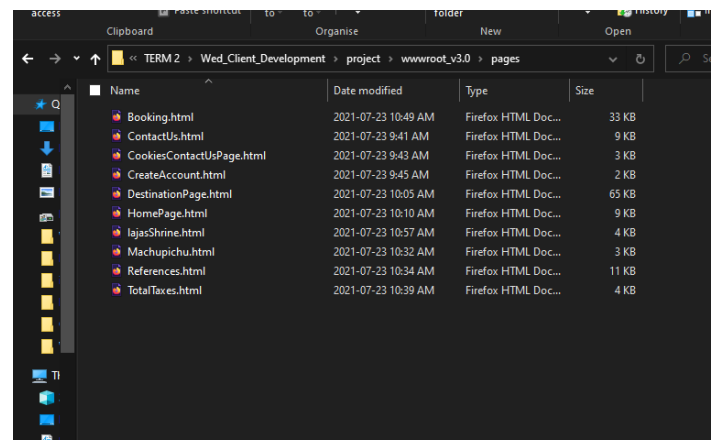
2. css
1. stylepage.css
2. styleTop.css

3. img
1. 444px-Trillium_Poncho_cat_dog.jpg
2. 495px-9_de_julio_(Buenos_Aires).JPG
3. 540px-Palmera_Sola.JPG
4. 575px-Wi-fi_alliance_logo.png
5. 610px-Basílica_Catedral_Metropolitana_de_Lima.jpg
6. 640px-Arrecifes.jpg
7. 640px-Avda._Libertador,_Montevideo.jpg
8. 640px-Baía_do_Sancho_-_Fernando_de_Noronha.png
9. 640px-Cairns_Lagoon.JPG
10. 640px-Casa_de_la_Moneda_de_Potosí_(Bolivia).jpg
11. 640px-Cataratas.jpg
12. 640px-Cerro_Concepcion.jpg
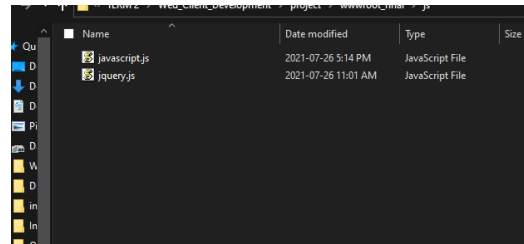13. 640px-Chaco_Boreal_Paraguay.jpg

14. 640px-Ecuador_cajas_national_park.jpg
15. 640px-Highgrove_Sauna.jpg
16. 640px-Huascarán.jpg
17. 640px-Ischigualasto_national_park.jpg
18. 640px-Jesus_de_Tavarangue_-_Main_building_from_the_left_2.JPG
19. 640px-Lake_Titicaca_on_the_Andes_from_Bolivia.jpg
20. 640px-LojaCityGates.JPG
21. 640px-Machu_Picchu,_Peru.jpg
22. 640px-MedanosdeCoro.jpg
23. 640px-Perito_Moreno_Glacier_Patagonia_Argentina_Luca_Galuzzi_2005.JPG
24. 640px-Punta_del_Diablo_07.JPG
25. 640px-Punta_del_Este_in_amazing_colors.jpg
26. 640px-Restaurant_Näsinneula.jpg
27. 640px-Salar_de_Atacama.jpg
28. 640px-Salar_Uyuni_au01.jpg
29. 640px-Salto_Monday_Paraguay.jpg
30. 640px-Subterranean_parking_lot.jpg
31. 640px-Tour_Guide.jpg
32. angelfall.jpg
33. angelfalls.jpg
34. Arepa_de_pabellon.jpg
35. CatedralPrimadaBogota2004-7.jpg
36. Chiribiquete_view.jpg
37. clock.JPG
38. logo.jpg
39. machupic.jpg
40. mail.JPG
41. Map_of_South_America.png
42. MOQUECAB.jpg
43. roques.jpg
44. SaltoAngel1.jpg
45. santuario.jpg
46. shrinelajas.JPG
47. telephone.JPG

4. pages
    1. Booking.html
    2. ContactUs.html
    3. CookiesContactUsPage.html
    4. CreateAccount.html
    5. DestinationPage.html
    6. HomePage.html

7. lajasShrine.html
8. Machupichu.html
9. References.html
10. TotalTaxes.html
5. js
    1. Javascript.js
    2. Jquery.js

Present the functions and/or methods that you create or you did use into the web project.

Function/Method	Description
1. function login()	Compares the username and password that the user enters in the login and load the different index pages according to the case. Login valid or not
2. function Setprice()	This function takes the value of price and stored in a variable to be used later
3. function dynamicdropdown(listindex)	This function Modify the options of a select according to the listindex. The listindex corresponds to the selection options of the previous Select.
4. function daysStaycal()	This function calculates the number of days between two dates and validates the dates that the user enters with regular expressions and the *test()* method
5. function subscribe()	Validates the email of the user before sending the information, if the email is incorrect a message is sent in the right format
6. function validatename()	This function validates the information introduced by the user.
7. function PricePerNigth()	This function search and sets the value of the hotel according the user selection, calculates the price for the stay.
8. function DisplaySelection()	This function displays the destination selected for the user and the total value before taxes. Calls for the functions HotelPrice(), setCookie(), and validateName. Also calls for the jQuery Selectors to show the table that will display later all the information with .show()
9. function setCookie(travelerscookie,value,ex days)	The function sets a cookie by adding together the cookie name, the cookie value, and the expired string. It needs the cookie name the value and expiration time as parameters
10. getCookie(cookie)	This function returns the value of a specified cookie. Needs the cookie name as a parameter

11. function searchWords()	Validates the user input with regular expressions and compares it with the words stored. To do so use indexOf("user input") this method will return a number (index) if find a match if not return -1. In case that there is not match an error message will be displayed. If there is a match more information will be displayed and the word will be highlighted on the hotel table using getElementsByClassName().
12. function hide()	Hide elements of the page using the jQuery Selectors .hide()
13. gettingValues()	Call the function getCookies(cookie) and set de necessary values to be displayed and hide the div containing the message section using the jQuery Selectors .hide()
14. function ValidateInfo()	Validates the information introduced by the user using regular expressions.
15. function displayMessage()	Show the message box to the user (jQuery Selectors .show())and takes the time with Date()
16. function calculateTime()	Calculates the time that the user takes to fill out the message form
17. function GetRadioCheck()	Check with radio button was selected and store the value in a variable
18. function calculatetaxes()	Takes all the values inside the cookies and use these values to calculate the final price with taxes, assigning the values to the respective element with getElementById()
19. Math.round()	The Math.round() function returns the value of a number rounded to the nearest integer.
20. *test()* method	The test() method executes a search for a match between a regular expression and a specified string.
21. getElementById()	The getElementById() method returns the element that has the ID attribute with the specified value.
22. getElementsByClassName().	The getElementsByClassName() method returns a collection of all elements in the document with the specified class name.
23. alert()	The alert() method displays an alert box with a specified message and an OK button.
24. focus()	The focus() method is used to give focus to an element (if it can be focused).
25. Date()	When called as a constructor, returns a new `Date` object.

26. IndexOf()	The indexOf() method returns the position of the first occurrence of a specified value in a string.
27. toFixed()	The toFixed() method converts a number into a string, rounding to a specified number of decimals.

Present the difficulties that you have, what was the hardest and the easiest part of your project.

To me, this project was not necessarily hard but it was long and time-consuming.

But it was fun to have the decision of the design of the webpage