CLaaS

Formative Assignment 2

Module Name	Front-End Web Development
Course Name	Applied Degree in Software Engineering / Higher Diploma in Software Engineering / Pearson BTEC Level 5 Higher National Diploma in Computing (Applications Development)
Assignment Title	Build Website using HTML, CSS, JavaScript & jQuery

Learner Name	

Learner declaration
I certify that the work submitted for this assignment is my own and research sources are fully acknowledged.   Student signature: Date:

Purpose of this assignment

To demonstrate your capabilities in the following areas:

- Develop a website using HTML, CSS, JavaScript & jQuery based on the wireframes, information architecture & storyboard designed
- Execute the test cases and validate the website meets the design requirements.

Submission Format

The submission is in the form of an individual written report with examples and illustrations. This should be written in a concise, formal academic style using single spacing and font size 12.You are required to make use of headings, paragraphs, and subsections as appropriate, and all work must be supported with research and referenced using the Harvard referencing system. Please also provide a bibliography using the Harvard referencing system.

Submission file

Submission File Name format: Cohort Code _Full Name_Assignment Number

E.g.: FED-0323A_AliceTan_A2.docx

Scenario

You work as a Junior Web Developer at an independent web-developing company, WebSpace, that helps big and small organisations build their brand through innovative, clean, and easy to use websites with enhanced accessibility features.

WebSpace specialises in developing custom-built websites to suit the unique needs and preferences of a business. They build engaging websites, factoring in the type of business and the industry of operation, demographics, the available budget, maintenance cost, and the short- and long-term objectives and goals of the client.

Your team's main duty is to design and create websites.

The team is responsible for the look of the website, the technical aspects such as performance, capacity, traffic, integrating graphics, and audio and video, in order to create content, server and client-side scripting and being able to work with operating systems, database and application servers.

WebSpace, has been commissioned by DoBu Martial Arts to develop a new website that will promote the company and support some of its business operations.

DoBu Martial Arts is a martial arts gym. The gym offers classes in a number of different martial arts, as well as fitness training and self-defence courses. The gym has a large, matted martial arts area, a fully-equipped gym, a sauna, a steam room and changing and shower facilities.

The owner of DoBu Martial Arts, and your line manager, have provided you with some additional information to help you design and create the website. This information should be used alongside any additional research you carry out.

Prices and membership options	
Basic (1 martial art – 2 sessions per week) – monthly fee	£25.00
Intermediate (1 martial art – 3 sessions per week) – monthly fee	£35.00
Advanced (any 2 martial arts – 5 sessions per week) – monthly fee	£45.00
Elite (Unlimited classes)	£60.00
Private martial arts tuition – per hour	£15.00
Junior membership – can attend all-kids martial arts sessions	£25.00

Specialist courses and fitness training	
Six-week beginners' self-defence course (2 × 1-hour session per week)	180.00
Use of fitness room – per visit	6.00
Personal fitness training – per hour	35.00

Martial arts class timetable							
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
06:00–07:30	Jiu-jitsu	Karate	Judo	Jiu-jitsu	Muay Thai		
08:00–10:00	Muay Thai	Private tuition	Private tuition	Private tuition	Jiu-jitsu	Private tuition	Private tuition
10:30–12:00	Private tuition	Private tuition	Private tuition	Private tuition	Private tuition	Judo	Karate
13:00–14:30	Open mat/ personal practice	Open mat/ personal practice	Open mat/ personal practice	Open mat/ personal practice	Open mat/ personal practice	Karate	Judo
15:00–17:00	Kids jiu-jitsu	Kids judo	Kids karate	Kids jiu-jitsu	Kids judo	Muay Thai	Jiu-jitsu
17:30–19:00	Karate	Muay Thai	Judo	Jiu-jitsu	Muay Thai		
19:00–21:00	Jiu-jitsu	Judo	Jiu-jitsu	Karate	Private tuition		

Instructor Details	
Name and job	Details
Mauricio Gomez (gym owner/head martial arts coach)	Coaches in all martial arts 4th Dan Blackbelt judo 3rd Dan Blackbelt jiu-jitsu 1st Dan Blackbelt karate Accredited Muay Thai coach
Sarah Nova (assistant martial arts coach)	5th Dan karate
Guy Victory (assistant martial arts coach)	2nd Dan Blackbelt jiu-jitsu 1st Dan Blackbelt judo
Morris Davis (assistant martial arts coach)	Accredited Muay Thai coach 3rd Dan Blackbelt karate
Traci Santiago (fitness coach)	BSc in Sports Science Qualified in health and nutrition Specialises in devising strength and conditioning programs for combat athletes
Harpreet Kaur (fitness coach)	BSc in Physiotherapy MSc in Sports Science

For this Assignment, you will be required to:
- Build the pages using HTML, CSS, JS and jQuery

- List of pages (from A1)

   For each page listed, learner must show:
   o Name of page,
   o Purpose of page,
   o Wireframe of page, and
   o Developed Page (screenshot of page from browser; not the code)
- Code snippet of jQuery and JavaScript used
   o Corresponding screenshot from user interface (browser) to show the output