**Coursework Specification:**   
**Submission:** 10:00 AM Monday, 23 March  
  
**Specification:** This Web site should include:

1. A presentation page with title and the name of everyone in the group.
2. After 4 seconds, a second page will be displayed (Main Web page).
3. Your Main page should be designed so that the user can access several parts of the site.
4. Your site should contain the CV of each member of your group. Your CV should have your picture at the top right hand-side corner. This should be a complete CV (written in html) similar to one you would present to a potential employer.
5. Your site should contain:
   1. A form to send comments about your web site. This form should include:
      1. input fields for users to enter their details (name, email address)
      2. a field to enter comments
      3. a way to rate your web site (using radio buttons or select)
      4. A pop-up window to help users understand how they should fill-in the email field of the form.
      5. If a user chooses to be sent updates by email, the user should be forced to enter a valid email address (use HTML5 validation). The user should get an HTML popup window with the summary including the name, comments and rating given on the form.   
         For example, if the user entered "John" for their name, rated the site as "good" and entered "Very informative website", the popup window should say something like: "Dear John, Thank you very much for your feedback. You have rated our site as **Good** and your comment was **Very informative website**."

* 1. A form to allow people to buy products related to the topic of your web site, i.e. if your topic is football, you could be selling football shirts, accessories, etc. This should include:
     1. personal details
     2. at least 3 different products to choose from
     3. number of items for each product
     4. automatically provide the total price of the bill
     5. This form should force the user to fill-in some compulsory fields (use HTML5 validation).
     6. The background colour of the page should change according to the total price of the bill.
     7. When the 'place order' button is clicked, the user should get a popup window with the summary of the order. For example, the text in the popup window could be something like: "Dear John, you have ordered 2 T-shirts size M at a cost of £20 each and a pair of trainers at a cost of £50. Your total bill is £90."

1. Your site should contain a diagram to show the architecture of your site (navigation flow of the website).
2. Your site should contain an interactive multiple choice quiz about the subject you are developing on your Web site. Once the quiz has been completed, it gives the user a mark on how he/she performed. This should be time limited and when finished should also display the summary of the user performance (which answers were correct or incorrect, and how long it took to complete the quiz). The user will get 2 marks for each correct answer, and -1 for each wrong answer. The quiz should consist of 10 questions. The background colour of the page should change according to the awarded mark.
3. Create a page that allows the user to view images. This page contains a form, 5 thumbnail images, and 2 pull-down menus (to select the page background colour and the page text colour) and an area to display a larger image and associated description of that image. When the user selects a thumbnail image, the corresponding large image and the description of that image should display in the defined location on the form. You may use onMouseOver or radio buttons to select the thumbnail.
4. Any page longer than the screen size should have links to various parts of the text at the top of the page.

1. Consistency of style should be ensured using
   1. a unique external style sheet file
   2. used throughout the web site
2. Each page should include your title logo at the top, and a link to the page editor (the person who wrote the page) at the bottom of the page.
3. The links on your main page (see step 3) should look like buttons and have a hover effect. This should be created using CSS.
4. Your main page should contain four pictures of the members of the group. When the user moves the mouse over one picture, the details of that member should be displayed in an area on the page (for example, you could use a div below the pictures). The details should include the name and role that that student took for the coursework (e.g. John Smith, Student 1).
5. Feel free to use Tables, Images, and JavaScript to add interactivity and increase ease of navigation.
6. Each student should submit an individual report about the Web site, at the Registry Office by the 10 AM Monday 23 March 2015. This report should include the screen shots and HTML files for only your part of the coursework. You must ensure that these are readable when printed. Also include a diagram of the Web site (full website) and of the file architecture (only your files), as well as information on how the site was developed and how the workload was shared in the group. Each piece of code that you have developed should be commented (using inline html and JavaScript comments as appropriate) and documented in the report to explain the approach that was taken and difficulties encountered or problems that arose and had to be solved. Each decision you had to make (e.g. subject, style, architecture, and any other relevant information) should be documented also. You should include how the pages that you have developed comply with the university and Janet regulations of publishing pages on the Web. Note that this is an individual report (with an additional individual statement). You must use the ECSC407 Coursework Cover Sheet as the front cover for your individual report. Ensure that you ensure that your group name/number is printed on that coversheet or the marking of your work may be delayed.
7. You will have to make a 10 minutes live demo of your Web site in the tutorial class (week 11).

The workload for each group **must** be as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Student 1 | Student 2 | Student 3 | Student 4 |
| 1 | \* |  |  |  |
| 2 | \* |  |  |  |
| 3 |  | \* |  |  |
| 4 | \* | \* | \* | \* |
| 5a | \* |  |  |  |
| 5b |  | \* |  |  |
| 6 |  |  |  | \* |
| 7 |  |  | \* |  |
| 8 |  |  |  | \* |
| 9 | \* | \* | \* | \* |
| 10a | \* |  |  |  |
| 10b | \* | \* | \* | \* |
| 11 | \* | \* | \* | \* |
| 12 |  | \* |  |  |
| 13 | \* |  |  |  |
| 14 | \* | \* | \* | \* |
| 15 | \* | \* | \* | \* |
| 16 | \* | \* | \* | \* |