

Criterion B: Analysis

Proposed solution:

Solutions considered:

- Flyers posted through local doors
- Adverts in the local newspapers
- Website using software on my computer e.g. Microsoft FrontPage or Dreamweaver
- Create a Wiki based on an already made Web 2.0

After discussing the advantages and disadvantages with my client, Luis and I chose to create a website using software on my computer.

Requirement specification

IT system requirements

- Hardware – With PC with Internet connection and a back-up hard drive, keyboard and camera with appropriate cables
- Software – Web browser (Internet Explorer, Mozilla Firefox or Safari) and a Web design software (Dreamweaver)

System interaction

- Ensure that the website functions correctly in a range of browsers such as Internet Explorer, Mozilla Firefox or Safari.
- Dreamweaver is already installed on my PC

Input/output requirements

Input requirements

- Descriptive text about the photography, biography and contact details will be provided by Luis.
- Image files in jpeg format as thumbnails and full size for the galleries on the website: Nature, Special Occasions and Touristic Zones.

Output requirements

- Sections of the website to include Chile, Peru, Cementerio de los Ilustres, Flowers, Home page, Biography of Luis and contact information.
- Consistent page layout with organizational colours and images
- Images and text to be displayed in a browser
- The thumbnails are to be clickable and linked to full size image files which then display in the browser

Processing

- Clicking on the images to generate full size image
- Clicking on the email link will generate a blank email
- Clicking on the menu items to navigate through the website
- Clicking on the print button to print images

Security

- Images on the website are to be protected by including a watermark and name
- The image is then saved as a JPG

Specific performance criteria

- a) Provide an easily navigable system to showcase his photographs
- b) To create a website that has a consistent style throughout
- c) To create a website that provides an easy way to contact Luis to enquire about purchasing photographs and/or requiring his services
- d) To develop a secure method to avoid photos being copied and pasted by anyone, and hackers gaining access to the files stored online

Justification of chosen solution

His first problem is the lack of customers, and this would be solved by the publication of the website. His other problem is him being short in money, and this has forced him to work full time in Unilever, and therefore created another problem which is the need of more time. Once the website is up and running and more people are aware of this work, people will be interested in his photography and will start contacting him, bringing him more clients and allowing him to quit his current job, and focus merely on photography.

One of the other solutions I had on mind was using an already designed wiki, and adding content to it, but the problem with this was it would lack professionalism. Would it be easier to add content to it? Yes. And would it solve the problem of getting people aware of him? Yes. But would it do it efficiently, catching his audiences' attention? No. Luis needs a website that will allow him to communicate with other professionals, hence he thinks the chosen solution, along with technology, will help him contact other photographers, those of whom of course know more than he does, and can share tips with him on things he doesn't know about, and the easy communication provided through the professional solution, will help him on his game.

I will need a PC with an Internet connection to check up on how the website looks so far, and to have a backup of the whole website, an external hard drive is needed. The text written will be typed in using a keyboard and the images taken by the camera and inputted with the use of the appropriate cable. To create this website, web design software is needed, in this case Dreamweaver because of it being user-friendly and similar to one I already manage well, Microsoft FrontPage. For the website to be viewed by anyone, a web browser will be needed, this being Internet Explorer, Mozilla Firefox or Safari because these are the most common ones used around the world, and so the website will be compatible in any computer. Given the fact the website will be user-friendly, no high level of training is needed to use and maintain the proposed IT solution.

Word count: 378