

Design of First Style Sheet

For this design I wanted to make the lines as clean and as simple as possible and keep the colours to a minimum as not to distract from content on the page. The aim for this style was to be as clean and simple for the user to read and use as possible. The general theme of this style sheet is minimalist.

I took some inspiration for this design from websites like: <http://xkcd.com/>



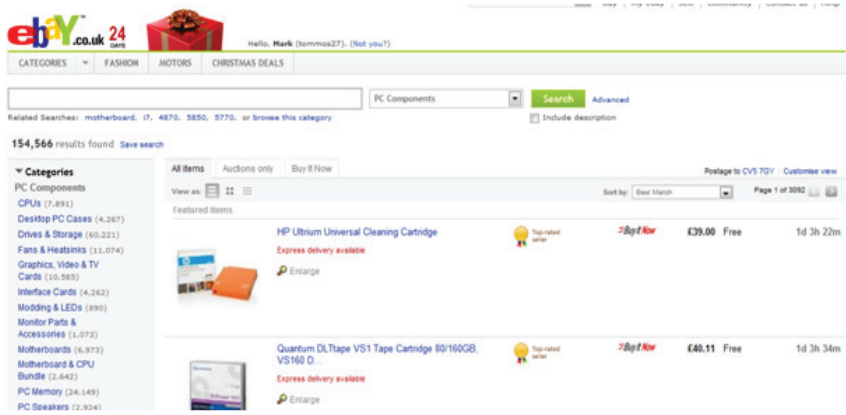
Where all of the information on the page has been split up into spate sections with a plain background and simple controls to move through the website

I also took inspiration for this design from the BBC website: <http://www.bbc.co.uk/>



The BBC website splits all of its contents into sections with a plain background and has a simple navigation bar at the top of the website. This is where I got the idea for creating individual banners for each webpage like the BBC do.

And some inspiration was taken from <http://www.ebay.co.uk/>



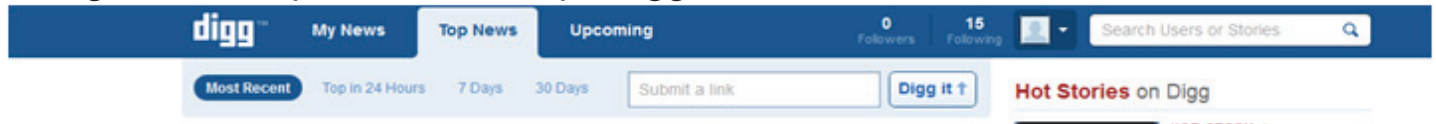
As eBay lays the page out in clear sections using a modulated layout, this is what I have tried to replicate giving each area a defined position.

I got some inspiration for my menu bar from <http://www.engadget.com/>



The menu bar just uses a simple square layout and when the mouse hovers over it the colour changes slightly

I also got some inspiration from <http://digg.com/>



Where the menu bar is horizontal and changes colour when the mouse hovers over it

Design of Second Style Sheet

For this design I wanted to make the colour change depending on what area of the website the user is in. The theme for this style sheet was a more colourful minimalist style sheet.

I took some inspiration from <http://www.sheffield.ac.uk/>



On the Sheffield website depending on what area the user is looking at the line at the top changes colour. This is what I want to do in my website when the user changes to a different area of the site a distinct colour should be the theme on that page, this will help users better remember what the different pages are.

Another site I took inspiration from was <http://www.yahoo.co.uk/>



The inspiration I took from the yahoo site was to have the menu bar to the left of the page and have the content next to it below the banner.

Inspiration of personalised banners

For my website I want to use personalised banners like <http://www.bbc.co.uk>



All of these banners state the name of the area and have the menu bar in the same place as to have a consistent look throughout the website. This is what I want to do with my site and have a consistent layout but a different banner with information about the contents of the page.

The footer

For the footer I wanted it to match the rest of the web page so I decided to make it like the contents part of the page but with a smaller font and a greyer colour so it would not be as bold

Home page Design

For the home page I wanted to make it so that it gave information about the rest of the website



This is like <http://www.mens-gift-ideas.com/> where it just gives details on what the site is about and the links to other areas of the site this is what I want to do with my home page and make it as user friendly and intuitive as possible for the user to navigate. This has been done by creating image hotspots and adding text below them so the user knows where they are going to

Stuck for an idea for an original birthday gift or Christmas present for the man in your life? Trying to find that special anniversary gift for your husband? Or the perfect retirement present for your boss or workmate? Confused with the vast array of men's gifts on the internet? Look no further! These are all gifts for HIM! Men's Gift Ideas.com provides you with the inspiration you need. These great gifts have been chosen from several different websites where we have found original high quality products coupled with good service. Each one makes an ideal present whether it's for Christmas, or an anniversary, or birthday or retirement present.

Profile page Design

For the profile page I want to be able to display as much information as possible but still have the information easy to read



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Admin Roles

Research

Teaching

Head of [Computer Graphics and Virtual Reality](#) research group

Year 1 Tutor

Research

Group

Students

Interests

[Computer Graphics and Virtual Reality](#)

[Priva Dey, Oin Gunnarsson, Mark Warburton, Cong Ye](#)

Computer facial modelling and animation, human figure animation, procedural modelling, and surface deformation techniques.

Recent publications

Gamito, M.N.; Maddock, S.C. [Fast Poisson-Disc Sample Generation in n-Dimensional Space by Subdivision Refinement](#), 2008

Martinez Lazalde, O; Maddock, S; Meredith, M [A Constraint-Based approach to Visual Speech for a Mexican-Spanish Talking Head](#), 2008

Gamito, M.N.; Maddock, S.C. [Topological Correction of Hypertextured Implicit Surfaces for Ray Casting](#), 2008

Gamito, M.N.; Maddock, S.C. [Localised Topology Correction for Hypertextured Terrains](#), 2008

Gamito, M.N.; Maddock, S.C. [A Progressive Refinement Approach for the Visualisation of Implicit Surfaces](#), 2007

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This is like <http://www.dcs.shef.ac.uk/cgi-bin/makeperson?S.Maddock> Where lots of profile information has been given and it is still easily readable. This has been done by using tables with headings to divide the table into sections.

About my course page Design

For the about my course pages I want to have images alongside the text so the user can have a better understanding of my course



WIKIPEDIA

The free encyclopedia

Main page

Contents

Featured content

Current events

Random article

Donate

Interaction

Help

About Wikipedia

Community portal

Recent changes

Contact Wikipedia

Tools

Print/export

Language

Simple English

العربية

Български

বাংলা

Deutsch

English

Esperanto

Ελληνικά

فارسی

Main Page

Discussion

Read

View source

View history

Search



Please read:

A personal appeal from Wikipedia founder Jimmy Wales

Read Now

Welcome to Wikipedia,

the free encyclopedia that anyone can edit.

1,488,888 articles in English

• Arts

• Biography

• Geography

• History

• Mathematics

• Science

• Society

• Technology

• All portals

Today's featured article



The Chiswick House

The Chiswick House is a Georgian style house made of sandstone, built in 1802 or 1805 on the shore of George Lake in Colley Township, Sullivan County, Pennsylvania, in the United States. It was home to several generations of the Ricketts family, including U.S. Vice President and Indiana Governor Ricketts. Originally built as a hunting lodge, it was also a tavern and post office, and served as part of a hotel for much of the 19th century. After 1883 the house served as the Ricketts family's summer home. They kept it even as they sold over 65,000 acres (26,300 ha) to the state of Pennsylvania from 1920 to 1930. The house was included in the *Historic American Buildings Survey* in 1936 and listed on the National Register of Historic Places in 1983. The original mansion is an L-shaped structure, two-and-a-half stories high, with stone walls 2 feet (0.6 m) thick. It was built in a clearing surrounded by old-growth forest with a view to the lake 900 feet (270 m) to the east. In 1913 a two-and-a-half story wing was added to the north side of the house and the original structure was renovated. The house has heavily-ogled rooms, four porches, and its original hardware and woodwork. *Stairways* and some windows were added in the renovation, and electrical wiring and modern plumbing have been added since. According to the 1989P nomination form, the Chiswick Ricketts Mansion "is a stunning example of Georgian-romantic architecture". [\[more...\]](#)

Recently featured: [Bill Ramsey](#) • [Cassius](#) • [Pyralis](#) • [Shylock](#) and [Pyralis](#)

Did you know...

Archives

By email

More featured articles...

In the news

Canadian-American actor [Leslie Nielsen](#) (pictured) dies at the age of 84

WikiLeaks begins releasing more than 250,000 American diplomatic cables, which include 100,000 marked "secret" or "confidential"

Spain Delays former Republican Majority Leader of the United States House of Representatives, is convicted of money laundering and conspiracy to commit money laundering

The Russian State Duma declares Joseph Stalin and other officials of the Soviet Union to have been responsible for the 1940 Katyn massacre

In a parliamentary election in Tonga, the Democratic Party of the Friendly Islands wins a majority of the elected seats

Twenty-nine men are presumed to have died after a second explosion in the *Pico River Mine*, New Zealand's deadliest mining disaster in 90 years

Wikinews

Recent deaths

More current events...

On this day...

December 1: [Hannukkah](#) begins at sunset (Judaism, 2010); [Great Oxen Day](#) in Romania (1910); [World AIDS Day](#)

1832 - The Parliament of the United Kingdom [abolished slavery](#)

I took some inspiration from http://en.wikipedia.org/wiki/Main_Page As the main page uses images relating to the articles to help the reader better understand what the article is about.

Html Structure

The structure of the code is mainly based on Div tags as these are the tags that split the page into its parts.

First there needs to be a wrapper that contains all of the content including the banner, content and footer, this should have a white background so it stands out and can be easily read.

Next there needs to be a div tag for the banner so it can be positioned at the top of the page

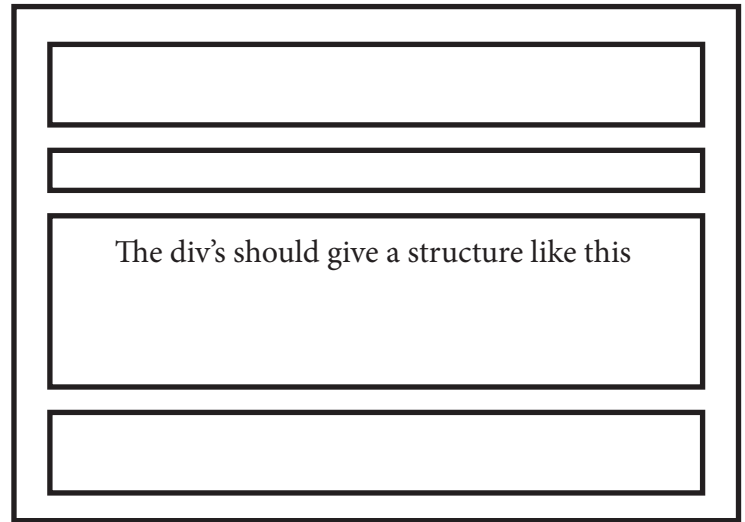
Then the menu bar/ column

A div tag for the content

And finally for the footer

The div tags should be arranged to look like:

```
<div wrapper>  
  <div banner>  
  </div>  
  
  <div menu>  
  </div>  
  
  <div content>  
  </div>  
  
  <div footer>  
  </div>  
</div>
```



In this format even if the style sheets are turned off the web page will display in the correct way with the banner at the top and the footer at the bottom and the content and menu bar in the middle. All of the pages should be laid out in this way so they are displayed in the same way by the browser and so the user does not get confused with different styles.

Design of pages

There needs to be 4 main pages these pages are:

The home page the home page should give a brief description of the rest of the website and provide links to the other areas of the website

About me page this should be a simple profile on me possibly with a profile image and information of my qualifications and interests.

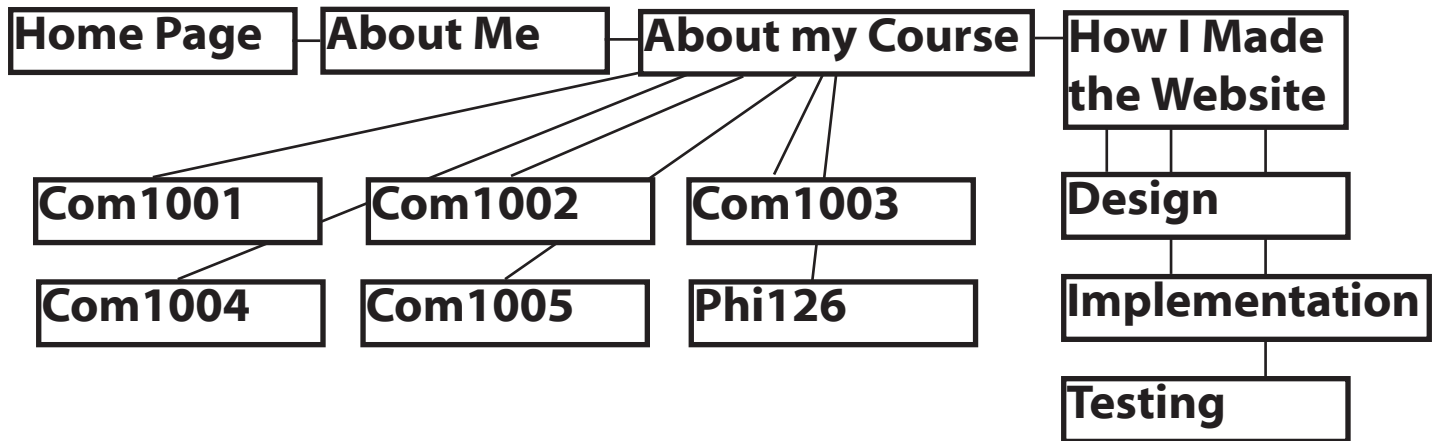
About my course page I want this section of the website to have more than one page, there should be an individual page per module that I take. This way more information can be provided on each module without all cramming it on one single page.

How I made the website this part of the website should give a detailed description on how I made the website. This should be like the about my course part of the website and contain sub-pages on the design, implementation and testing of the website.

Design of the links in the pages

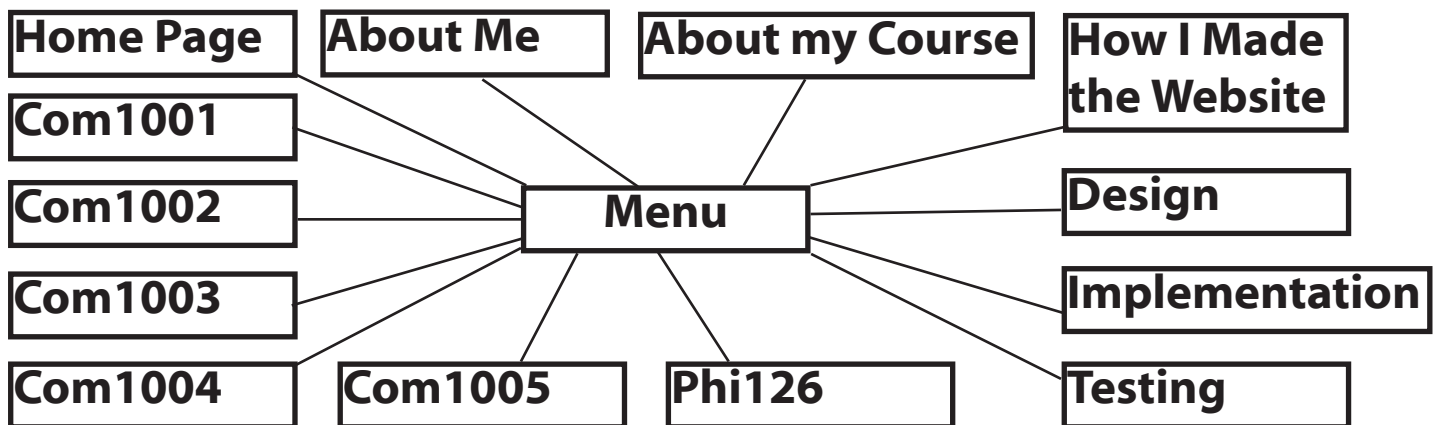
The website should allow different ways of navigating through the system depending on the style sheets used.

For the first sheet the user should only be able to access the sub-pages in the about my course and how I made the website pages in that section of the website. This looks like:



This will be the navigation method in the 1st style sheet where all of the main pages can be accessed on any page but the sub-pages can only be accessed in the area relating to them.

In the second navigation layout all of the pages including sub-pages will be accessible on every page. This looks like:



In this navigation method all of the pages are on the menu so they all can be accessed on every page

Design of URL Structure

All of the url's in the website should have a name that actually means something not numbers or random strings of characters. For my url's I will use the page name as the actual url as this will help when creating the links between pages as they will be more memorable.

Design of accessibility options

The website needs to be capable of being used by people with disabilities in accordance with <http://www.w3.org/TR/WCAG10/>

To cater for people that are colour blind the colours on the web page need to be contrasting so they are not too similar. Also colours such as red and green cannot be together as this will make it very difficult for it to be seen correctly.

The website also needs to cater for people who are blind/ partially sighted the website can be made more accessible if all of the links and images have titles so browsers installed with a text to voice reader will be able to read the page to the user and then the user can select what page they want. For partially sighted people the text needs to be large enough to be easily read and have a colour that is not similar to the background.

For people with movement disabilities the website needs to be able to be controlled by other input devices such as a keyboard, this can be helped by the use of access keys on the links in the page.

Another problem that the website might face is people using the site on a mobile device or on a small screen. The website needs to be able to scale and still be usable, this can be done by not setting the page to be too wide and having not having a small menu selection system.

The content on the pages also needs to be readable by a wide audience not being too technical and not so simple that users find it patronising. This also needs to be reflected in the images as the audience is adults they should not be too childish.

The layout of the HTML and content also needs to be considered as the user may have the style sheets turned off, the website needs to be capable of being easily read if the sheets are off.

The images also need to be considered, if the user has turned off possibly to save bandwidth some content is still needed so the web page is still understandable. This can be done by alt tags which allow text to be displayed if the image is not. The images themselves need to be reasonably small in file size so people with slower internet connections can still view them in a reasonable amount of time.

CSS for the first style sheet

The order in which the css should be laid out:

First the body as this is the first thing that the user sees from the HTML

As I want to have different backgrounds for the different style sheets the background image should be located in the body element of the CSS and tiled so a small image can be used to save bandwidth

Next is the wrapper as this is where all of the information that the user sees will be located. There wrapper should be aligned to the middle of the page and have a white background there should be a thick grey border to define where the page starts. The width of the wrapper should also be defined so the text cannot be compressed so much that it cannot be easily like as would happen if it was set as a percentage.

Then the heading which is a blank box for the banners to go in this should be set at a fixed width the same as the wrapper as I do not want the picture to be scaled by the browser. The next item in the css should be the menu bar the menu bar needs to be the same width as the heading with a margin so it is slightly separated from the heading to give it a modulated look.

The menu containers should have a border the same as the wrapper and heading. For the first style I want a horizontal menu like on <http://www.engadget.com/> to do this the style for the list needs to be set to horizontal and the background of the individual list element needs to be set to a colour. I also want it when the user hovers over the item in the list the background changes colour so the user knows they can select that item.

The menu bar should look something like this:



Where the names of the different pages will be inside of the boxes. To make the menu user friendly the whole box should be clickable and not just the text, to do this the "<a>" tag should have its display set to block.

The content div should come next in the css, the content needs to be easy to read and of a big enough font so people with eyesight problems can still view it. Font size 16px should be big enough. The background can be inherited from the wrapper so it is white. To make the text readable on a white background it should be black. Again the content div should be set so it has the same size border and a margin to separate it from the other divs.

The last part of the css should be the footer. In the footer the text should be set to a smaller size around 10px the colour of the text should also be changed to a greyer colour so it is not confused as part of the content and as all of the other divs the margin and border should be consistent.

On the next page is what the CSS should look like when applied to the website.

Banner different on every page like the BBC website

Links to other pages simple clean colour, background changes on hover

Content, arial, sans serif font, black, centre align

Footer, small font, (grey)

Design of the second style sheet

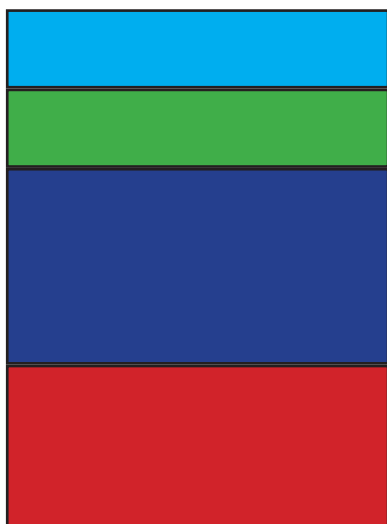
This is the order that the second style sheet should be laid out:

The first part of the style sheet will be the body for the second style sheet I want to use a small image and tile it possibly from <http://www.stripegenerator.com/>. This will allow a small image to be repeated saving a lot of bandwidth on a large image.

In the second style sheet the width of the wrapper should be less as there is less modulation compared to the first style. The wrapper should have a white background and a border that changes colour depending on what are of the site the user is looking at.

Next is the banner which will be the same size as the first sheet so the image does not need to be re-sized. There does not need to be a border on the image which will reduce the width of the container.

Then should come the style for the menu system which is different than the first style as it is vertical. To do this the list can stay vertical and the background of each `` tag can be set to a colour of that section of the website. Like in the first style This should look something like:



The colours in the menu represent the colour scheme for that part of the website.

The content should come next the font needs to be of at least 16px and be black to contrast with the white background. The content should curve around the menu so the whole screen is used.

Next should be the footer, as it does not have a bodrer there needs to be some kind of seperation this can be done by setting a top border that will act as a horizontal rule. The font should be smaller than the content arround 14px and should be a different colour.

On the next page is what the CSS should look like when appleid to the website.

Banner, same as on first style

Links, different colour depending on area of website like university website

Content, arial, sans serif, centre align

Content (expanded)

Footer, small font

The types of data used

For the images in the website I will use Portable Network Graphics (png) which has loss less data compression and does not require a patent licence. PNG is a much better file format for storing images that contain text like the banners will do, as compared to JPEG images. As PNG images do not even if they are compressed and compressed again they do not lose resolution so the images on my site can be used by others if needed.

All of the images need to be created or found and downloaded (non-copyright images only)

The other file format used will be Portable Document Format (PDF) that will be embedded on the how I made the website part of the website. And also linked to in case people do not have the required plugin or if the user wants to view it in full screen.

The only other types of file format used will be HTML and CSS which are used in the creation of the site.