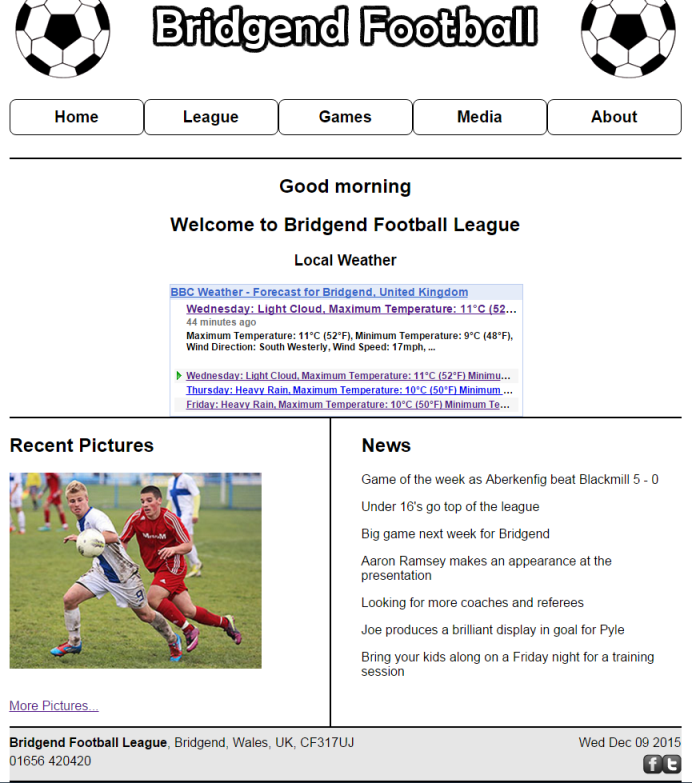
**Report**

I have been asked to create a completely original website than implements some of the technologies used so far on the course and to include and index page as well as four other pages of content.

So first of all, all of the pages will be laid out similarly with the banner at the top of the page followed by the navigation buttons, then there is three areas to be filled with content. Then finally at the bottom of the page is the footer which will include information such as the address and phone number, the current date and also two external links to social media websites. The colour scheme is quite simple and plain being shades of black and white which means it’s not too distracting and easy for the users to view and read the content.

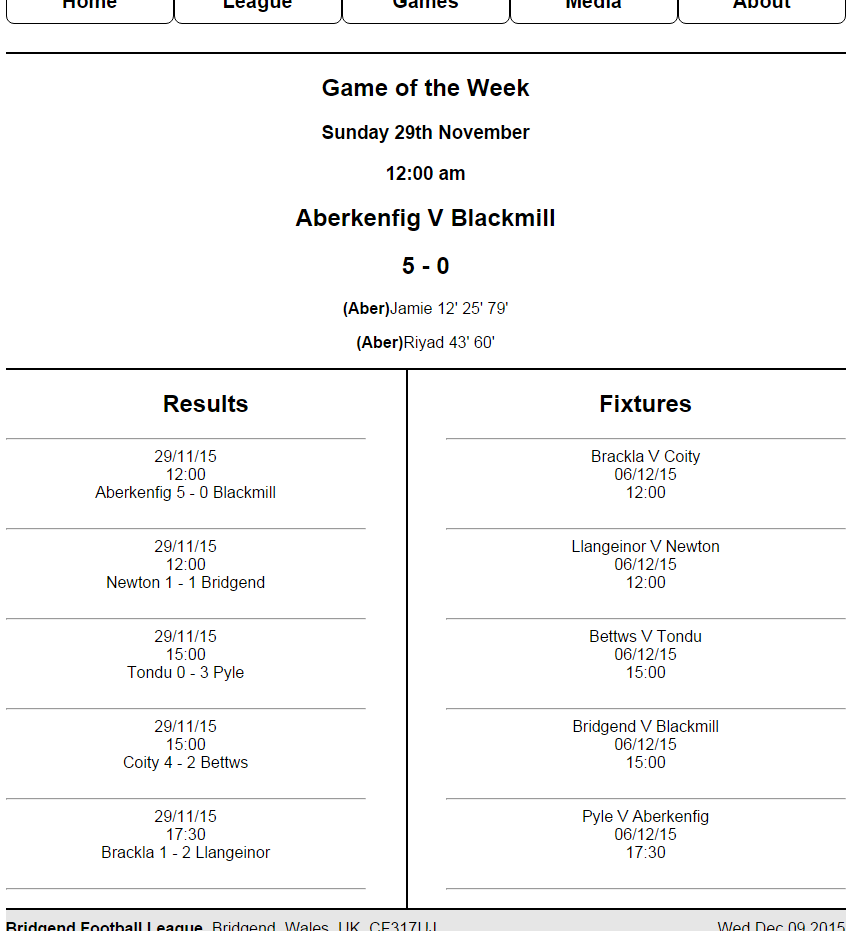
**Home Page**

There were not too many difficulties when designing and implementing this page. I have used JavaScript to write “Good morning”, “Good afternoon” and “Good evening” depending on what time it is, also in the footer it displays the date using JavaScript. I have also used an RSS feed to display the local weather in Bridgend for the next three days which is constantly updated form the BBC website, the only slight problem I had found with this is that if the BBC website goes down it will not work as it is using external links. If I was do this page again I would probably spend a little more time with the CSS to make the RSS feed fit in and look a bit better.

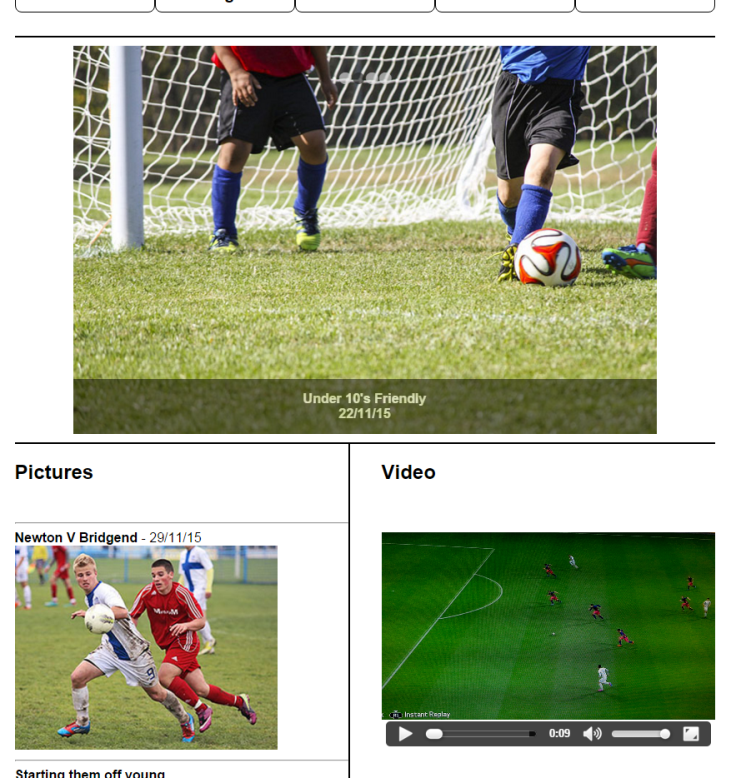
**League Page**

On this page I have used php to display tables from my database into tables on the webpage. I did not have many problems apart from trying to sort the tables by a certain attribute using SQL. If I was to do this again I would try to change the look of the page as at the moment it is quite repetitive and boring, also I would use the php to maybe add, delete or amend data in the database.

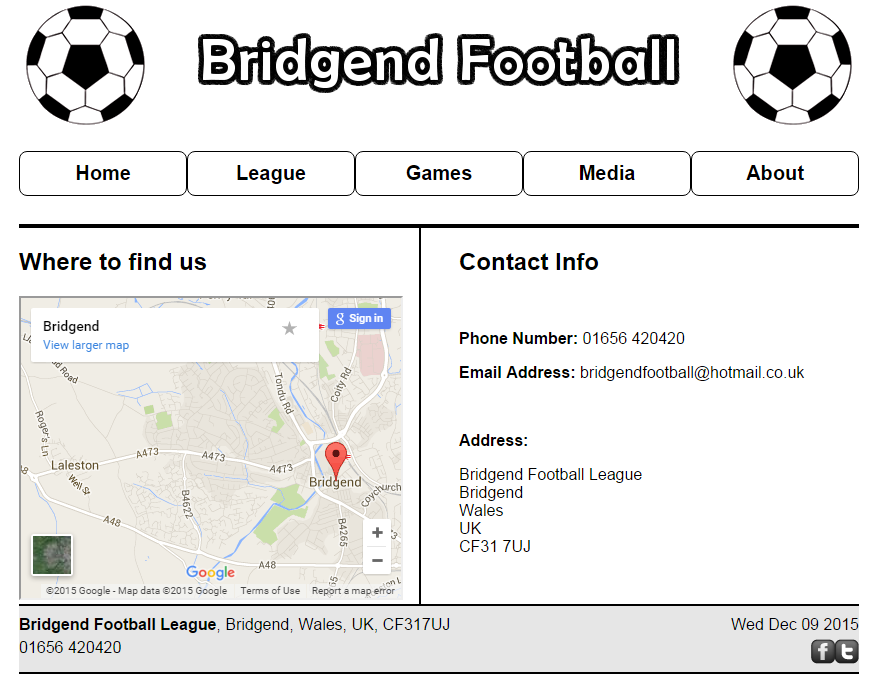
**Games Page**

This page uses XML to display the information of the fixtures and results from XML files. This was quite easy to implement and if I had the chance to create this page again I would also try to add some more features and colour maybe to make it look a bit more presentable and not so boring.

**Media Page**

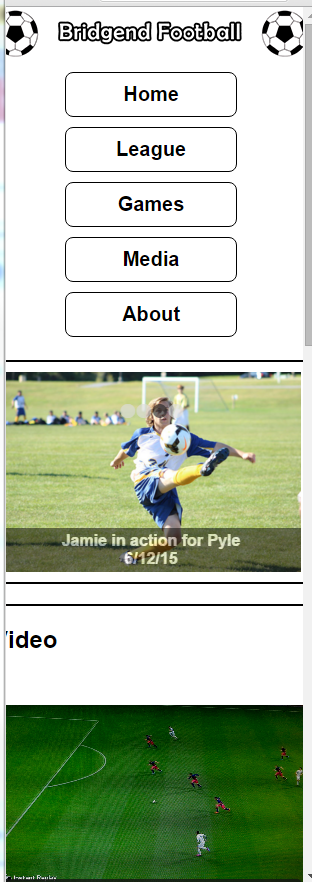
On this page I have used jquery for the image slider in the middle, I have also included pictures and my own video. Again not many problems occurred but the image slider did take a lot of trial and error to get the jquery and CSS working together. If I was to create this webpage again I would spend more time making a better video.

**About Page**

This is the final page which does not include any more technologies, but it does have an external link and map of the area from google maps which uses an iframe to display it. And the other side of the page contains contact information. This page was easy to create and had no problems implementing it. If I had the chance to make this page again I would maybe add a section for the users to leave their feedback which would use php to save the comments to a database.

**Media Queries**

I have also created 4 different media queries which includes desktop, tablet, phone landscape and phone which are all different resolutions and the content on the pages move and resize to fit the page and make it easy to use for the user whatever device they are using.

This is an example of what the webpage looks like shrunken down to the phone size.

**Differences between HTML4 and HTML5**

HTML is always changing and updating to keep up to date with all the new web technologies and to make sure that it stays relevant and not out dated. So these are some of the differences between HTML4 and HTML5.

* HTML5 now has a lot of new elements that are already set for you to help create a better structure to the page whereas in HTML4 you had to create your own. Some of these elements include header, footer, section, aside, nav, article, main and quite a few others but these are the most commonly used ones.
* There are also some new API’s the main one being media elements such as audio and video now have their own API’s for control of these elements.
* There have also been a few elements deleted from HTML4 and the older version such as frame, acronym, big, centre, font and many others which can now be handled using CSS instead.
* Also tables were used quite a lot in HTML4 to help with designing and displaying the layout of the webpage, so even though HTML5 still has tables in they are no longer used as they were before and instead CSS must be used to control the layout and design of a webpage.
* Overall the syntax is a lot simpler in HTML5 one the examples being at the beginning of the document you only need to write <!doctype html> and that is it, and it is also backwards compatible with HTML4.
* There is also a new element called canvas which is used to draw graphics using JavaScript to actually draw the graphics like gradients, shapes and images. At the moment is quite simple what can be done but this is basically what is replacing flash at the moment and people predict it will progress in the future and completely get rid of flash altogether.
* There are also some new forms and form input elements which are used with PHP to send information and data across pages and forms and display this on the webpage.

Overall we can see that HTML5 is a lot more user friendly than HTML4 as they have made a lot of the syntax and in built elements a lot easier and simpler to use. This makes HTML5 quite different to HTML4, some may find it unnecessary as they are used to the syntax and how HTML4 works. But overall I think most people will prefer the new HTML as it is keeping up to date and bringing some new technologies which are making some older more out of date technologies obsolete, which is a good thing for web development in general.

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**WINSCP Login**

Host Name: at-web2.comp.glam.ac.uk

Username: 14568811

Password: Champyrolo123

In folder Coursework