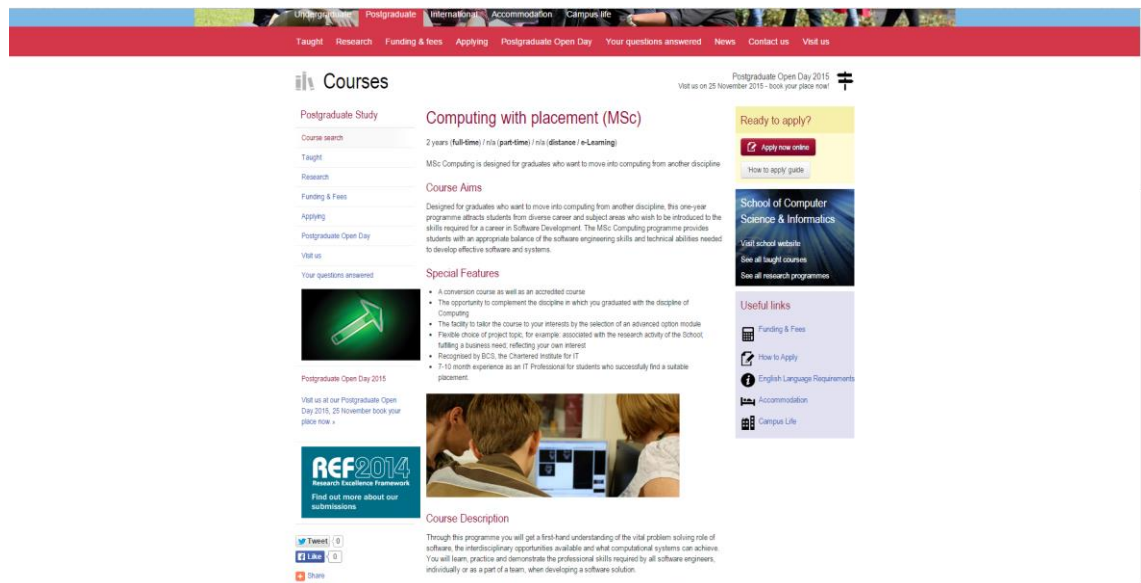# Website Description Document

As a student who always needs to view the course website from the application to the study, some issues of present website can be found. For example, there are some unnecessary repetitions on the course website.
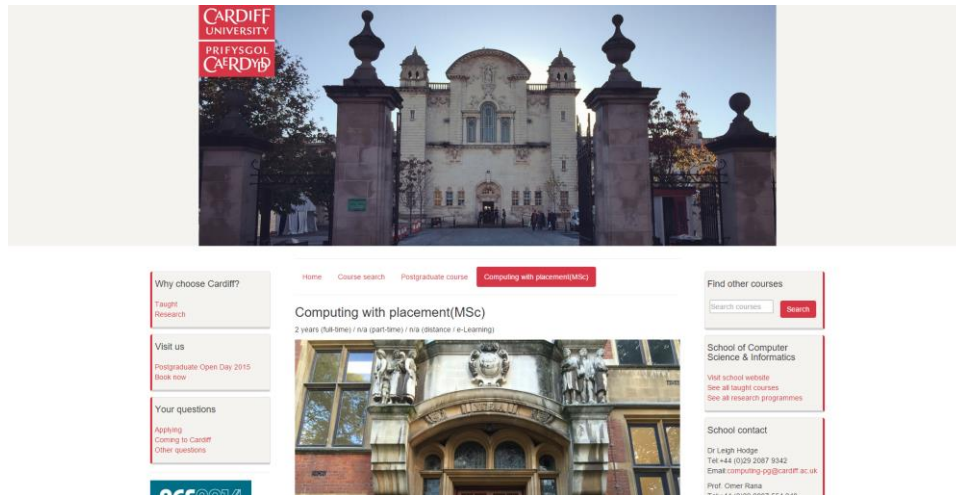

In the course website, three buttons which are related to apply can be saw, it may lead potential students to be confused. Furthermore, the description of the course is over-long and jumbled, it means that a page contains whole contents of the course, which can be a trouble for students to find target content. This course work aim to build a concise, efficient and beautiful website of the course by HTML and CSS.
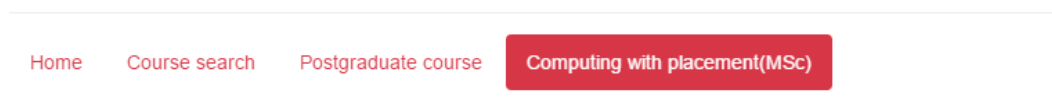
On the top of the new course page is the header. It includes the logo of the Cardiff University (CU) (Cardiff University 2013) which is necessary to indicate that this course is organized and taught by CU, and this logo is hyperlinked to CU Home website, which is a convenient link for visitors. A beautiful photo of the CU occurred most of header, it is designed for pleasing to eyes of visitors and showing potential students the sight of CU, and the rest of header is filled by grey.

In addition, the main content is in the below of the header. The main content was based on symmetrical structure and split into three parts on transverse: left aside part, middle content and right aside part. On the one hand, the divide proved the capacity for the layout in CSS. On the other hand, this design aims to make the whole page concise and clear, which allows potential students and visitors to find information conveniently and efficiently, the symmetrical design accords with aesthetic. Red and grey are the main colors of this page, because the red is the traditional color of CU and grey can match the red well.

To begin with, the middle content will be introduced. There is a navigation bar that plays a vital role of the website on the top. The button of the pill style (this button and the other buttons were modified from the CSS framework of bootstrap, bootstrap 2015) was used on here. It includes four hyperlinks that linked to home page, course search and all postgraduate courses, which allow visitors to navigate through CU website. The button of the present page is painted red, which indicates potential students that this page is being visiting.

The course description is in the below and contained four parts. First part is the name, length, taught types and the related photo of the course.

Computing with placement(MSc)

2 years (full-time) / n/a (part-time) / n/a (distance / e-Learning)

Second part is the overview of the course, which includes course aims and special feature, potential students and visitors can gain the outlined information of the course through this part.

Course Aims

Designed for graduates who want to move into computing from another discipline, this one-year programme attracts students from diverse career and subject areas who wish to be introduced to the skills required for a career in Software Development. The MSc Computing programme provides students with an appropriate balance of the software engineering skills and technical abilities needed to develop effective software and systems.

Special Features

- A conversion course as well as an accredited course
- The opportunity to complement the discipline in which you graduated with the discipline of Computing
- The facility to tailor the course to your interests by the selection of an advanced option module
- Flexible choice of project topic, for example: associated with the research activity of the School; fulfilling a business need; reflecting your own interest
- Recognised by BCS, the Chartered Institute for IT
- 7-10 month experience as an IT Professional for students who successfully find a suitable placement.

Next is a big button linking to applying, it is marked and convenient, which allow potential students to find and start an application easily.

Apply now online

Moreover, there is a navigation bar of the details of the course. You will

not see the detailed information below the each button, which introduce this course from course information, career, entry requirement and the funding & fees. However, if you do not click it, you will not see the content of this title.

Course Information   Your Career   Entry Requirements   Funding & fees

It aims to make the page shorter and allow visitors to find the information that they want to see conveniently, in other words, visitors do not need to find the title of the content in a long text, they only need to click the button of that title and they do not see the content that they do not want. After visitors clicked one button of them, the background of the button would become red and the detailed information of this content would be shown below. For example, if visitors want to know more information about course, they can click the course information, and the more specific description of this course, course structure and an example timetable (table style is from bootstrap, bootstrap 2015) of this course will appear. Moreover, your career contains the skills acquired, career prospects and views of the student who have finished this course. Entry requirements includes the academic and language requirements of this course, funding & fees contains the tuition fees and funding of this course.

Course Description

Through this programme you will get a first-hand understanding of the vital problem solving role of software, the interdisciplinary opportunities available and what computational systems can achieve. You will learn, practice and demonstrate the professional skills required by all software engineers, individually or as a part of a team, when developing a software solution.

Through a gentle introduction and intensive support, you will be introduced to programming skills using important languages such as Java and Python. Emphasis is placed on handling data and you will develop essential skills in SQL (Structured Query Language) for advanced database functionality using industry standard products such as Oracle™.

A choice of taught optional modules allows you to further develop skills in areas of your choice. Full time students may choose to apply for a paid 7-10 month professional work placement to be undertaken on completion of Spring semester and before completing the MSc programme with a 60 credit dissertation. Whilst students are responsible for finding their own placements, the School works alongside professional placement consultants to give advice on applying for placements, to keep you informed of a variety of opportunities, and to ensure that you receive constant support and guidance throughout the whole process.

Course Structure

Students take five core modules and an additional option module in the taught phase of the programme. Students will then go on placement for 7-10 months if they have successfully completed the taught phase and have found a suitable placement. Students will then return to the School to complete their dissertation.

Core Modules

- Computational Systems
- Dissertation
- E-Commerce and Innovation
- Human Centric Computing
- Information Modelling and Database Systems
- Information Processing in Python
- Object Oriented Development with Java
- Software Engineering

Optional Modules

- Distributed and Cloud Computing
- Human Centric Computing
- Information Modelling and Database Systems

2015 - 2016 Autumn Timetable

	09:00 - 13:00	14:10 - 17:00
Mon	CMT112 Web Application Development MJ Chorley, Rm C/2.08. Wks 1-11	CMT302 Ecommerce & Innovation P Corcoran, Rm S/2.22. Wks 1,2,4,5,7,8,10,11 CMT102 Computational Systems PLR/MWD, Rm C/2.11. Wks 1,2,4,5,7,8,10,11 Lab 16:10-17:00. Rm C/2.05. Wks 7,8,10
Tue		
Wed	CMT305 Preparation: Placment 10:10-10:50. Rm S/2.11. Wks 1-11	
Thus	CMT103 Information Processing in Python CY Walker, Rm S/2.22. Wks 1-11 Lab 11:10-13:00. Rm C/2.08. Wks 1-11	CMT303 Software Enigineering HRP, Rm T/0.31. Wks 1,2,4,5,7,8,10,11
Fri		

Finally, the last part of the main context is the more information. It can be found in the end of the page whether visitors have open the detailed information of the course or not. This part provided potential students with some useful information but is not closely related to this course. For instance, related subjects recommend students some related course that they might be interested in, and another applying button is given, which

allow students to start an application but do not need to return to the upper page as they are looking the detailed information of the course. Some information of the accommodation is needed to provide as well.

More information

Relative subjects

MSc Computing with IT Management with placement
MSc Advanced Computer Science with placement
See all Taught Course

Application

Applying

Accomodation

Postgraduates Accomodation

Furthermore, it is necessary to introduce the left aside part, there three boxes in the left aside part. The content of the left and right aside parts were split into several boxes in equal width, which make the content of different titles be divided more clearly. This design showed the ability to build a block space with border by CSS. First box is the introduction of the Cardiff named why choose Cardiff, it contained advantages of the taught and research areas. In addition, it supports the related information of the visiting school, for instance, open day. It also provide potential students with some answers to solve the issues of application, coming to Cardiff, etc. The recent activities of the university, for example, awards, evaluations and ranks such as REF (Cardiff University, 2014) and QAA (Cardiff University, 2014) were shown in the end of the left aside part. They can state taught and research quality and competition of the

university and draw potential students' attention.

The right aside part includes four boxes. Find other courses give visitors a convenient way to search other courses that they are interested in. And a box of the school information is in the below, which provides an access to the school page and the taught or research courses in the school. School and University contact methods should be in a marked position. It allows potential students to contact school or University by kinds of method like e-mail and telephone when they have any question of the information in

the website.

In the bottom of the page is another logo that links to home page and some information of CU that shows CU is a member of the Russell Group and a registered charity, this style is same as the home page of CU (Cardiff University 2015)

To summarize, the final course website including the six pages was designed in the symmetrical structure, rational layout and suitable colors. It contains the overview and specific content of computing with placement (Cardiff University 2015). To the potential students and visitors, these contents can be gained more conveniently through the concise, beautiful and rational structure and layout. And it is designed as a responsive webs. However, due to the lack of the understanding of the JavaScript, there several drawbacks in this website, such as the method that is used to transfer from a titles of the course detailed information to another ones is not clever, and the side parts should follow the visitors' position of sight, if use the position fixed, the bottom part of the aide part will never be displayed.

Additionally, it has been tested and validated in Chrome browser, there no bug in these pages, all the buttons and hyperlinks have been proved that they can be run correctly, picture can be displayed clearly. The responsive design has been demonstrated that these pages can be run without any layout error through mobile devices or different resolutions by the toggle device mode of the Chrome browser. Finally, the logical structure and complex layout have proved that the capacity for creating static HTML pages and taking different contents in the rational positon by CSS. The successful running of the website demonstrated that the ability to use the developer tools of the browser.

Reference

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