University of the West of England
BRISTOL

MODULAR PROGRAMME

ASSESSMENT SPECIFICATION

Module Details

Module Code UFCE47-20-1	Run 09SEP/1 AY	Module Title Systems Development
Module Leader Julian Webb	**Module Tutors** Various	
Component and Element Number B1 / B2		**Weighting: (% of the Module's assessment)** 60% + 15%
Element Description Written Report on Individual Contribution to Group Activity		**Total Assignment time** 24 hours

Dates

Date Issued to Students To be supplied	Date to be Returned to Students 19th April 2010
Submission Place **B1: Online submission via Systems Development Electronic submission system (NO paper submission required)** **B2: Scheduled lab sessions**	**Submission Date** 18th March 2010 **Submission Time** **2.00 pm**

Deliverables

B1: Electronically submitted reports

B2: Website for peer-tutor review activity

Module Leader Signature

J T WEBB

UFCE47-20-1 – Systems Development

Assignment 2009-10

The assignment comprises three components with the following marks:
- Critique of Amazon and Blackwell Online websites (10%) – assessed by a group report
- Website development (See Bates, Ch 17) (50%) – assessed by (see below for details):
  - a group bid (10%),
  - 7 weekly individual reports (total 35%) and
  - an individual project report (5%)
- Peer/Tutor review (15%)

The Examination accounts for the remaining 25% of the module marks.

The critique, bid, individual weekly reports and technology report will be submitted electronically. Your tutor will mark each submission as it is received, grade it (see below), and return the grade and comments to you by email.

The peer/tutor review is carried out in your lab sessions just after Easter 2010.

Critique of Amazon and Blackwell Online homepages
To get you used to working in teams you will use the time up to 8 November 2009, to critique the Amazon and Blackwell Online websites:
- *In your teams*, analyse the Amazon (www.amazon.co.uk/) and Blackwell Online (www.blackwell.co.uk) websites;
- Write a report (500 words max.) comparing the sites, noting good and bad features (in your opinion);
- Use the module electronic submission system to submit your work – *only one submission per group is required for the critique but you MUST include a student number for each member of your group*. Your lab tutor will help with using the submission system. Note the submission system will only accept plain text submissions – no formatting or images.

Website Development – Smalltown Books
Your group must design and then build a website for a small local bookshop ('Smalltown Books'). The bookshop sells general books and also specialises in cookbooks. The bookshop currently has no web presence, but wants to expand it's business substantially. The basic requirements are:

- As Smalltown Books would like to compete with other national and international bookshops, you will need to design an attractive and functional site (hint: think about features seen during your 'Critique' work);

- Part of the site must be dedicated to the specialist cookbooks sold by the shop;

- It must be possible for online customers to search for, view details and purchase books [NB for the purposes of this assignment it is **not** required to provide a **secure** ordering mechanism];

- The bookshop needs to be able to add, edit and remove book titles as required. You must ensure that this is possible;

- At present 1000 titles are in stock, though this may fluctuate with time. You need to allow for at least 2000 titles being in stock;

- It will also be necessary for the bookshop staff to be able to record 'over-the-counter' sales;

- The shop owner needs to be able to see reports of sales and stock levels over the last day, week, month and year.

You should incorporate any other requirements that seem necessary for a satisfactory online and shop based bookshop.

NOTE: You will need to populate your database (however you implement this) with sample books. I suggest you use a few real examples and write a small Perl program to generate a large number of mock example books.

Bid
You must first bid for the contract to build the bookshop website. Write up to 500 words saying what unique features you might want to put onto your website with reference to other web sites as "role models" – i.e. saying what good features you might incorporate. Also you should say why your group will be able to do a good job of developing the bookshop website. Only one bid per group is required. **Word limit is 500 words**.

Assume you won the bid (Well done!!). Now you must actually write the website and have it ready by 18 March 2010). Your design and implementation must show that your team is competent in the use of *some* of the latest web technology, for example: CSS (style sheets), PHP, JavaScript, CGI (Perl). These and other technologies are to be included at your discretion – inappropriate use of technologies will be penalised.

Weekly Reports (x7)
As the progress reports will be read by busy managers (i.e. tutors), there will be *a limit of 200 words* on each weekly report – this will be enforced by the submission mechanism – over-long reports will be prohibited! Your report should be focussed primarily on planning and the operation of your group. Space should *not* be wasted in providing detailed technical information – your manager needs to know how you are progressing and that you will meet the deadline (i.e. 18 March 2010). However, if you have managed to overcome a significant problem, you should mention that.

Technology Report
Your technology report should include details of how you made use of the various technologies (e.g. HTML, PHP, CGI) you have encountered during this module. You should briefly analyse whether you have made good use of the technologies and what you would have done differently. Note that you should be able to start writing this well before the deadline. **Word limit is 500 words**.

Deliverables

1. Critique of the Amazon and Blackwell Online websites (electronic submission) – linked to from your group homepage
2. A bid document (up to 500 words), submitted electronically
3. 7 weekly individual progress reports (200 words max), also submitted electronically plus technology report (500 words)
4. On-line bookshop website fulfilling the requirements listed above (one completed website per group)
5. Report on technologies used during the development of your website

Submission Schedule

Deliverable	Group or Individual Work	Date electronic system opens	Date electronic system closes	Max. marks for deliverable
Critique	**Group**	**2-Nov-09**	**8-Nov-09**	**10**
Bid	**Group**	**7-Dec-09**	**13-Dec-09**	**10**
Report 1	**Individual**	**25-Jan-10**	**31-Jan-10**	**5**
Report 2	**Individual**	**1-Feb-10**	**7-Feb-10**	**5**
Report 3	**Individual**	**8-Feb-10**	**14-Feb-10**	**5**
Report 4	**Individual**	**15-Feb-10**	**21-Feb-10**	**5**
Report 5	**Individual**	**22-Feb-10**	**28-Feb-10**	**5**
Report 6	**Individual**	**1-Mar-10**	**7-Mar-10**	**5**
Report 7	**Individual**	**8-Mar-10**	**14-Mar-10**	**5**
Report on technologies used	**Individual**	**15-Mar-10**	**18-Mar-10**	**5**

Marking Scheme

This part of the assignment contributes 60% of your final marks for this module. 10% will be allocated for your critique of the websites, 10% for your group bid and the remaining 40% will be for weekly individual progress reports (i.e. up to 5% per report).

Grades (for weekly report and technology report – double for critique and bid):

0   Not submitted/totally unsatisfactory;
1   A perfunctory account of what happened during the previous week, with little or no insight into group operation;
2   A limited or poorly written report but showing at least some insight into the operation of the group;
3   A reasonably well-written report, showing reasonable awareness of group activities, operations and problems;
4   A well-written account, showing above average awareness of group operation; problems and their resolution; and planning;
5   Written to a high professional standard, the report includes detailed, thoughtful analysis of all relevant aspects of the operation of the group (including planning, communication and problem resolution) and the progress made during the previous week.

Note that *ALL* grades are provisional until confirmed by the appropriate UWE examination board.

The finished online bookshop assessed during the…

Peer/Tutor Review

After the formal completion of this work (18 March 2010), you will be required to attend, in your usual lab time, the Peer/Tutor review sessions (after Easter 2010). In these, the other student groups in the lab will review your work and you will review theirs. You tutor will also review all the work and will moderate a mark (out of 15%) for each website.

More information on the peer/tutor review will be available nearer the time. Note that you can work further on your website between 18 March and the peer-tutor review.

Every student who is part of a group undertaking an assignment or other piece of assessed group work is required to take, and will be deemed to have taken, individual as well as joint responsibility for all the work submitted by the group. In particular, his include individual as well as group responsibility for any assessment offence committed, whether by the student or any other student in the group. Any penalty applied in the event of an assessment offence will normally be applied to all members of the group.