**IN505 Introduction to Systems Analysis**

**Otago Polytechnic Bachelor of Information Technology**

**2013 Semester 1**

**Assignment: System Requirements Specification**

General

This assignment was issued week beginning 25th February 2013

This assignment contributes *5%* towards your final IN505 course mark.

Submission

This assignment is due in full by *17:00 on Friday15th March 2013*.

*No late submissions* will be accepted without prior arrangement with Adrienne Dearnley, which will only be agreed after presentation of a set of extremely extenuating personal circumstances.

Submission must be in accordance with the instructions in the IN505 Course Directive. Marks will be deducted for failure to comply with these instructions.

A penalty of *10% per day* will apply to submissions received after the due date.

You should present your first draft of this assignment to Adrienne in class week beginning *Monday4th March 2013*.

**Task: Requirements Specification Document for an IT-based System**

You are to write a simple proposal for a new system based on Information Technology. The system should be realistic and useful – we will discuss sample ideas in class. Any ideas that you present in this proposal will be treated by staff as confidential, and will be regarded as your intellectual property (unless Otago Polytechnic regulations state otherwise.)

The subject for the document must be agreed with the lecturer before you proceed. Ideally, the document would describe a subject of interest to you. However, subjects relating directly to IT are discouraged unless you can demonstrate a suitable interest and aptitude. Also, subjects similar to the ones discussed in class (e.g. the Music Library) are not allowed

If you have no suitable interests, you will be required to agree a subject with the lecturer. If you do not have enough knowledge about the subject to meet the document length criteria, you will be required to do further research into the subject and include that (references for your research are not required in this case.)

The document is to be 500-750 words in length, with no repetition or waffle. It is to answer the following questions. You are to explain the system so that a potential user would understand the proposal:

1. What information will the system offer the user?
2. In order to achieve this, what data will be stored by the system?
3. Where will you get this data?
4. How and why is this system useful?
5. Who are the target users?
6. What comparable systems are currently available?
7. How does your proposal differ from comparable systems?

The document is to be professionally structured and presented, with a title page, table of contents and page formatting to the standards expected in all BIT courses. Make use of the following marking schedule to guide your efforts.

**Marking Guide**

|  |  |  |
| --- | --- | --- |
| Aspect | Breakdown | Weight |
| Content   * Short description of your system * What information will the system offer the user? * What data will be stored by the system? * Where will you get this data? * How and why your system is useful * Who are the target users? * What comparable systems are currently available? * How your proposal differs from comparable systems | 5  25  25  5  5  5  2  3 | 75 |
| Professional presentation of document |  | 25 |
| Late submission penalty |  | 10% per day |