



**UNIVERSITY  
OF LONDON**

## **MSc Computer Science**

### **Module: Information Systems**

**Coursework:** October to December 2022 study session – End of Term Coursework Assessment

**Submission Deadline:** Wednesday 4 January 2023 by 13.00 Greenwich Mean Time

- Please note: You are permitted to upload your Coursework in the final submission area as many times as you like before the deadline. You will receive a similarity/originality score which represents what the Turnitin system identifies as work similar to another source. The originality score can take over 24 hours to generate, especially at busy times e.g. submission deadline.
- If you upload the wrong version of your Coursework, you are able to upload the correct version of your Coursework via the same submission area. You simply need to click on the 'submit paper' button again and submit your new version before the deadline.
- In doing so, this will delete the previous version which you submitted and your new updated version will replace it. Therefore your Turnitin similarity score should not be affected. If there is a change in your Turnitin similarity score, it will be due to any changes you may have made to your Coursework.
- Please note: When the due date is reached, the version you have submitted last, will be considered as your final submission and it will be the version that is marked.

- **Once the due date has passed, it will not be possible for you to upload a different version of your coursework assessment. Therefore, you must ensure you have submitted the correct version of your coursework assessment which you wish to be marked, by the due date.**

### **Coursework Description:**

**Your overall total limit should not exceed 12 PowerPoint slides for part (i.) and (iv.) and 1600 words for parts (ii.) and (iii.) (i.e. 800 words each).**

**Coursework is weighted at 100% of final mark for the module.**

The Coursework (summative assessment) will comprise a number of activities on various aspects of the software development life cycle based on a specific case study. Students will have an opportunity to prepare for this by completing the formative assessment in section 6.8 (week 6), which provides preparatory reading material for the case study that is presented.

The Coursework activity has four parts. The first will involve developing a slide presentation, which will set out the rationale and purpose of the activity. This element accounts for 40% of the total grade. The second and third parts involve drafting short papers (800 words each), which address specific challenges associated with the particular case study. And the fourth part, involves creating a further slide presentation on the topic of cybercrime and its challenges. These elements each account for 20% of the total grade.

The Coursework assessment is aimed at determining the students understanding of the core aspects of the System Development Life Cycle (SDLC), and related professional issues. The examiners will look for clear exposition of process, rationale and understanding. For example, where various approaches are available, the answers should indicate the options available, the preferred option and the reason for this choice. Examiners will also reward clear, informed, and insightful responses.

**It is of utmost importance that students use their own words in completing the coursework (see note on plagiarism below).**

**The coursework brief:**

After a successful presentation to the GE Board (see formative assessment Activity (6.8)), you have been given approval to implement the first major project - a Human Resource Information System (HRIS).

You have selected Workday, a Software as a Service (SaaS) solution, to help recruitment and to enable each employee to manage their own human resources records, such as holiday and overtime requests, performance reports, expense reporting and so on. You have been asked to take the lead in implementing this system for the company across all their locations. Once again, Sally, the CEO, asks you to explain to the board how you plan to implement this system. She also asks you to address the concerns the board has about data privacy of employee records and the potential risks posed by cybercrime.

Your task is to:

- (i.) develop a presentation (should be no more than 12 slides) that identifies the development methodology you will choose to adopt, stating clearly the reason for your choice.
- (ii.) draft your first short paper (no more than 800 words) for your colleagues, which describes the challenges you expect when gathering and documenting user requirements.
- (iii.) draft your second short paper (no more than 800 words) describing what GE's obligations are regarding its EU employees' data under the relevant data protection legislation, as well as, the rights that employees have under the legislation.
- (iv.) develop a presentation (no more than 12 slides) that describes the potential ways in which GE might become a victim of cybercrime and why cybercrime is difficult to address. You should describe a recent example of a cyber attack to highlight the issue to the board.

## Assessment Criteria:

Please refer to Appendix C of the Programme Regulations for detailed Assessment Criteria.

## Plagiarism:

This is cheating. Do not be tempted and certainly do not succumb to temptation. Plagiarised copies are invariably rooted out and severe penalties apply. All assignment submissions are electronically tested for plagiarism. More information may be accessed via: <https://learn.london.ac.uk/course/view.php?id=3>

## Penalties for exceeding the word count:

The content within the main body of text comprises the overall word count, including in-text citations, references, quotes, heading and sub-headings. The cover page, reference list and any appendices do not count towards the overall word count. Full submission instructions are included in the VLE with Coursework submission forms. **There are penalties for exceeding the specified word count.**

- For part (i.) and (iv.), the **maximum number of slides is 12**. The content of each slide is at the student's discretion, but dense text-oriented responses should be avoided.
- The maximum word limit for parts ii and ii of this coursework assignment is **1600 words** (excluding the list of references). Students can use this available limit as they choose between parts ii and iii as long as the overall limit of 1600 words is not exceeded. (Students should also bear in mind that parts ii and iii carry equal weighting).
- You may use less than **1600 words and 12 slides** but in so doing you may be penalising yourself as it could be challenging to respond to the Coursework brief.
- You **MUST** state an accurate word count (excluding the list of references) at the end of your work. If you do not state an accurate word count your mark will be reduced by 5 marks.

- The content within the main body of text comprises the overall word count, including in-text citations, references, quotes, heading and sub-headings. The cover page, reference list and any appendices do not count towards the overall word count.
- For Coursework elements and the project, there is a maximum word limit. If you exceed the word limit, we will reduce the mark you receive as follows:

<b>Excess number of words over the word limit</b>	<b>Penalty applied</b>
More than 10% up to and including 20%	5 marks deducted from original mark.
More than 20%	You will receive a mark of zero (0) for your work.