

COMP1687 (2017/18)	Web Application Development	Header ID: 300317	Contribution: 30% of course
Coordinator: Dr Mahtab Hossain	Essay		Deadline Date: Thursday 21/12/2017
<p>This coursework should take an average student who is up-to-date with tutorial work approximately 15 hours</p> <p>Feedback and grades are normally made available within 15 working days of the coursework deadline</p>			
<p>Learning Outcomes: Describe and critically discuss the design, engineering, legal, social, ethical and professional issues and considerations involved in web application development.</p>			

Plagiarism is presenting somebody else's work as your own. It includes: copying information directly from the Web or books without referencing the material; submitting joint coursework as an individual effort; copying another student's coursework; stealing or buying coursework from someone else and submitting it as your own work. Suspected plagiarism will be investigated and if found to have occurred will be dealt with according to the procedures set down by the University.

All material copied or amended from any source (e.g. internet, books) must be referenced correctly according to the reference style you are using.

Your work will be submitted for electronic plagiarism checking. Any attempt to bypass our plagiarism detection systems will be treated as a severe Assessment Offence.

Coursework Submission Requirements

- An electronic copy of your work for this coursework must be fully uploaded by **11:55 p.m.** on the Deadline Date of **Thursday 21/12/2017** using the link on the coursework Moodle page for COMP1687.
- For this coursework you must submit a single Acrobat PDF document of your essay.
- In general, any text in the document must not be an image (i.e. must not be scanned) and would normally be generated from other documents (e.g. MS Office using "Save As ..PDF"). An exception to this is hand written mathematical notation, but when scanning do ensure the file size is not excessive.
- There are limits on the file size (the limit for PDF file has been set to 40 MB).
- Make sure that any files you upload are virus-free and not protected by a password or corrupted otherwise they will be treated as null submissions.
- Your work will be marked online and comments on your work and a provisional grade will be available from the Coursework page on Moodle. A news item will be posted when the comments are available, and also when the grade is available in BannerWeb.
- You must NOT submit a paper copy of this coursework, or include the Banner header sheet.
- All coursework must be submitted as above. Under no circumstances can they be accepted by academic staff The University website has details of the current Coursework Regulations, including details of penalties for late submission, procedures for Extenuating Circumstances, and penalties for Assessment Offences. See <http://www2.gre.ac.uk/current-students/regs>.

Detailed Specification

This coursework is worth 30% of the total marks for this course.

This coursework must be completed individually.

Please read this *entire* specification very carefully so that you are fully aware of the requirements.

You have been asked to create a neighbourhood commuter carpool brokering web site for the Royal Borough of Greenwich as part of their initiative to reduce traffic congestion and air pollution. Visitors to the site will be able to register with the site as members. Members can post information about their daily commute and whether they are looking to obtain or provide a lift, or both. Casual visitors to the site will be able to search through the posts to see if anyone faces a similar commute to theirs but full details of other commuters and their journeys will only be available after registering.

You are to write an **essay** of approximately 2,500 words addressing the Legal, Social, Ethical and Professional issues and considerations (LSEPic) that arise in the specification and implementation of this Web application. You may wish to extend your discussion to include Political, Philosophical and Economic issues and considerations (PPEic). Your developed web application shares a few functionalities with the popular ride sharing “Uber” application – you may investigate the challenges faced by that company under the LSEP and PPE context in various countries. However, you are advised to only address these issues in the context of the functionalities that you are required to address for this web application.

You must choose a suitable title for your essay. Your essay is expected to provide an informed discussion of LSEPic and PPEic arising in this application and include reflective discussion specific to your implementation of this application. This is a short essay and there is a great deal that could be discussed, so it is better to provide an in-depth discussion of one or two aspects than to attempt to cover many considerations.

This essay must be suitably structured, written in your own words, and develop a clear narrative or argument using appropriate language. All assertions are expected to be supported by references (using Greenwich Harvard formatting) or otherwise justified.

Your essay is required to provide 2,500 words plus or minus 5% (125 words) not including the title page or any preamble and not including the references. A penalty will be applied for word counts that are outside these limits.

If you are in any way unclear about this specification you should discuss this with your tutor.

Deliverables

A single PDF file submitted by the due date.

Assessment Criteria

Marks are awarded in approximately equal measure for the following criteria.

The quality of the language used in the essay (20%). Is the language clear and unambiguous or is it difficult to follow, with poor sentence structure and grammatical errors? Is the language at an appropriate level using a technical vocabulary or is it too simplistic or overly familiar?

The structure of the essay (20%). Is the text in a single paragraph or is it organised into sections and subsections? Are the paragraphs and sections sensibly chosen? Is the text overly compartmentalised? Is there a narrative or argument or is it merely a collection of facts and assertions? Is the content contextualised or just a collection of bullet points?

The quality of the content (20%). Is there adequate discussion of legal, social, ethical and professional matters or perhaps only one of these four? Are they discussed superficially or does the discussion have depth and demonstrate understanding of how these aspects are interrelated? Has weight been given to the more interesting or important aspects being discussed?

The scope of the discussion (20%). Does the account provide generic, specific and reflective discussion of the subject or only one of these three? Are these discussed separately or contextualised to demonstrate understanding and insight?

The academic standard of the writing (20%). Is the essay entirely original or is there evidence of pasted content? Are citations provided to support facts and assertions? Are references provided to match the citations? Are all references cited in the essay? Are the references appropriately formatted?

Grading Criteria

70 ... 100 1st Class, distinctive or outstanding in all elements.

Demonstrates competence and ability to engage independently in researching, reading and referencing material. Reports ideas with accuracy and thoroughness. Demonstrates evidence of synthesis and evaluation. Produces sensible, reasoned and substantiated criticism. Addresses complex concepts and problem-solving. Clearly expresses concepts and understanding with sophisticated language constructs using the vocabulary of the discipline.

60 ... 69 Upper Second Class, meritorious, good overall standard.

Demonstrates some ability in researching, reading and referencing material. Gives good accounts of work done by others. Does not indulge in pointless and unsubstantiated criticism and is able to avoid irrelevant or personal critical comments. Addresses an interesting or difficult problem and demonstrates powers of analysis.

Clearly expresses concepts and understanding with some sophistication in the use of English.

- 50 ... 59 Lower Second Class. good pass, demonstrating some good ability.
Demonstrates learning, good communication and some independent work. Reports ideas intelligibly with some referencing, without introducing gross distortions and demonstrates knowledge and comprehension. Expresses concepts and understanding with appropriate use of English.
- 40 ... 49 Third Class, pass.
Largely achieved the aims of the work and demonstrated adequate skill in acquiring and reporting facts. Has investigated the topic in a limited way. Demonstrates application but lacks critical analysis and evaluation. Struggles to express concepts and understanding in written English
- 30 ... 39 Compensatable fail.
Has not achieved the aims of the work and failed to demonstrate adequate skill in acquiring and reporting facts. Has investigated the topic in a very limited way. Demonstrates a degree of application but lacks critical analysis and evaluation. Poor use of written English introduces ambiguity and obscures meaning
- 0 ... 29 Fail, does not meet level 6 undergraduate degree standard.
Has not achieved the aims of the work and failed to demonstrate basic skill in acquiring and reporting facts. Has not investigated the topic appropriately. Demonstrates a limited degree of application but lacking analysis. Poor use of English makes it difficult to understand the text.