COSC2615, Advanced Professional Development and COSC1147 Professional Computing Practice

Assignment 2 Part B Group Presentation

Weight: 10%

Due date: May 4, 2020, 9:00am

Details:

For this assignment your team is to present the key points of your report for Assignment 2A, regarding the greatest dilemma facing IT in Australia in 2019 and your sustainable solutions, as a group presentation to your Tute-Lab class.

The time limit for this presentation is to be from 3 to 5 minutes long. You may use powerpoint slides, or have one poster in the background. Your Tutor and prac classmates may ask a further two minutes of questions at the end of your talk.

You need to give your talk a Title which explains the greatest dilemma you consider which affects the IT industry in Australia in 2019. For instance, it could be something like Autonomous Cars, or Cyber Security, or Disruptive Technologies, or Social Media. Then give details about the dilemma caused, the stakeholders affected, the laws which may or may not apply, the solutions you have proposed and how sustainable they may be.

Each member of your team of three or four people must present. Hence this means that each member will possibly have approximately one minute to talk. Thus your presentation needs to explain the problem clearly, explain who the key stakeholders might be and how they are affected, and identify some possible solutions, all within the time allocated. Each team member must be prepared to answer questions.

Learning Objectives Assessed:

This assignment will assess all 6 Course Learning Objectives - Upon successful completion of this course you should be able to:

1. discuss social impact and professional issues in the realm of Computer Science and Information Technology (CSIT)
2. analyse, discuss and evaluate computing practice scenarios including interpreting abstract theoretical propositions/scenarios, choosing methodologies, and justifying conclusions, in both written form and oral presentations using the correct language of the field justifying professional decisions in the technical documentation with appropriate tables, figures, and references
3. work effectively in a small group of peers to analyse computing practice scenarios, and to assess the work of peers
4. use research principles and methods to investigate, analyse, theorise and present on new situations in CSIT professional practice

5. identify, discuss and address intellectual property, privacy and ethical issues that arise in software development applying ethical responsibility to ensure software correctness, reliability and safety
6. describe and investigate socio-environmental impact of the new technology and develop sustainable systems

Graduate Outcomes supported:

- **Problem Solving:**

Your capability to analyse complex problems and synthesise suitable solutions will be extended as you learn to: design and implement software solutions that accommodate specified requirements and constraints, based on analysis or modelling or requirements specification.

- **Communication**:

You will learn to communicate effectively with a variety of audiences through a range of modes and media, in particular to: interpret abstract theoretical propositions, choose methodologies, justify conclusions and defend professional decisions to both IT and non-IT personnel via technical reports of professional standard and technical presentations.

- **Teamwork:**

You will learn to work as an effective and productive team member in a range of professional and social situations, in particular to: work effectively in different roles, to form, manage, and successfully produce outcomes from collaborative teams, whose members may have diverse cultural backgrounds and life circumstances, and differing levels of technical expertise.

Submission Details:

One member of the team is to upload the powerpoint slides or poster to Canvas for marking by your Tutor, on or before the due date of April 20 at 9am, 2020. The file is to be uploaded as a .pdf, Assignment2B.pdf.

The objective of this assignment is to organise a group presentation of the work you completed as a team for Assignment 2 Part A. All work is to be done as a group. Your talk is not to last more than 5 minutes and each person in your group needs to present some aspect.