MITS5002

Software Engineering Methodology

Assignment 1

Paper presentation and participation

NOTE: *This Document is used in conjunction with Assessment 1 [Paper presentation & participation] and Assessment 2 [Research Report] in the Teaching and Assessment Plan document [MITS5002_Teaching and Assessment Plan.doc]*

Objective(s)

This assessment item relates to the unit learning outcomes as in the unit descriptor. This assessment is designed to improve student presentation skills and to give students experience in researching a topics relevant to the Unit of Study subject matter.

INSTRUCTIONS

For this assignment you are required to do a 5-10 minutes presentation on a recent academic paper on a topic ***related to Software Engineering*** or ***Software Engineering Methodologies***. Some possible topic areas include but are not limited to:

- Software Engineering for Data Warehouse systems
- Risk Analysis in Software Engineering
- Project Management methodologies
- Advances in Prototyping for software engineering
- Cleanroom methodology
- Test Driven methodologies
- Advanced human Interfaces
- Artificial Neural Networks (applied to software engineering)
- Cloud Computing (in relation to software engineering)
- Agent Oriented Software Engineering

The paper you select must be directly relevant to one of the above topics or another topic that is related to Software Engineering. The paper can be from any academic conference or other relevant Journal or online sources such as Google Scholar, Academic department repositories, or a significant commercial company involved in research such as IBM etc. All students must select a different paper and send it for approval to the lecturer. Thus, the paper **must** be approved by your lecturer before proceeding. In case two select same paper, the first come first serve policy is applied. Note that popular magazine or web-site articles are not academic papers.

Assignment 1 weight is 10% of overall Unit's marks. The 10% marks depend both your presentation and participation in other students' presentations. You are to prepare a set of PowerPoint slides and present in your allocated time slots. If you do not present on your scheduled time or participate in at least 70% of other students presentations, you will forfeit a significant proportion of the marks in this assignment. A marking guide for your presentation is in Appendix-I is attached herewith.

Note: *if class numbers are large the presentations may be organized into groups, but students will still all need to select their own individual paper for assignment 2 (see assignment 2 specifications). In the case where presentations are arranged in groups each group can decide which students paper will be used for the presentation. Individual marks awarded may apply deductions e.g. Upto 25% deduction applies if participation in other peers/groups presentation is less than 70% and upto 30% deduction applies based on student's individual contribution in the presentation. The deductions are applied by the lecturer based on their assessment of participation or asking one or two questions during the presentations.*

The presentations will occur in sessions 5-12 on the academic calendar for the semester and the order of presentations will be by arrangement, but these will be evenly spread over those sessions.

What to Submit.

After your presentation, you are also required submit the presentation slides in Moodle drop box.

Appendix- I - Marking Guide:

Criteria (*the criteria may be used to help guide in marking only for consistency across campuses and cohorts*) Tick appropriate columns and insert marks for each criterion. Total marks are scaled to 10% i.e. weightage of the assignment 1 in the unit	None	Minimal	Somewhat	Acceptable	Good	Excellent
Marks	<5 to 0	5	5 to 6	6 to 7	7 to 8	8 to 10
Topic The topic chosen was relevant to the Unit and material being studied						
Purpose The speaker clearly identified the intent and major points of the paper						
Overview The speaker provided a good overview of the paper being discussed						
Discussion The Speaker gave a well-structured presentation and discussion						
Summary The speaker clearly summarizes and discusses the content of the article(s)						
Conclusion Identifies and discusses the article's conclusions						
Overall Oral Presentation Presenter addressed the audience, was clear and confident and explained key concepts in the slides and within time						
Other Material Uses material from other Authors						
Overall Visual Presentation Visual Material was well organized, clear, use of images / charts easy to understand and of appropriate length						
Total Marks (out of 90) [Individual marks awarded may apply deductions e.g. Upto 25% deduction applies if participation in other peers/groups presentation is less than 70% and upto 30% deduction applies based on student's individual contribution in the presentation. The deductions are applied by the lecturer based on their assessment of participation or asking one or two questions during the presentations.].						

Comments [Along with marks awarded, additional verbal or written comments (in questions/discussions during presentation) may also be provided lecturers/tutors/peer-students].