CLOUD COMPUTING AND SOFTWARE AS A SERVICE
41001
ASSIGNMENT 1 (ASSESSMENT ITEM 1)

Weight of this assignment towards the overall subject grade:

For the students enrolled in 41001, this assignment contributes to 10% of the overall subject grade.

Submission deadline and requirements:

Submission Deadline: Submit by **6 PM on 04/05/2020**
Submission Requirements: Upload a soft copy of your completed report on Canvas.

Objectives:

This assignment is linked to the Subject Level Objectives (1), (2) and (3).

Academic Standards:

Please refer to the statement on academic conduct and the use of plagiarism detection software in the subject outline

Estimated date of returning the marked assignments:

The marks will be available on within two weeks of the assignment submission date and the feedback can be collected during the tutorial time.

Expected Workload:

The expected number of hours to complete this assignment is 10-15 hours of work per person (approximately)

Late Submission Policy:

You must hand and email the assignment on time. An extension may be granted for illness, misadventure, or other extenuating circumstances beyond your control. The issue of an extension should be raised with the Subject Coordinator as soon as possible after the circumstances occur. In general, extensions will be not be granted on or after the due date of the assignment.

Written consent in the form of email should be obtained from the Subject Coordinator allowing for late assignment submission. Please note that such permissions for late assignment submissions will only be considered due to prior unforeseen extraordinary and genuine circumstances beyond your control. Late assignments submitted outside of these parameters will be deducted one mark per day late, more than seven days late assignments (without any special consideration) will receive zero marks.

Assignment Description:

This assignment is also termed as Assessment Item 1. It should be completed in group of three students each. A group may select one topic from any of the following cloud computing topics:

- Security in Cloud Computing
- Interoperability in Cloud Computing
- Scalability in Cloud Computing
- Reliability in Cloud Computing
- Enterprise Adoption of Cloud Computing
- Approaches for multi-tenancy in Cloud Computing
- Privacy of Cloud Services (or Privacy of data in Cloud Computing)
- Quality of Service (QoS) of Cloud Services

The members of each group are required to research on the selected topic. You will write a report outlining your understanding, summarization of the existing approaches and your findings on the topic based on the referenced literature.

Written report requirements:

(a) Your report should be written in the following format

   (i)   Title of the report
   (ii)   Student Names (along with UTS Student ID's)
   (iii)   Abstract (about 150-200 words)
   (iv)   Keywords (3-4 relevant keywords)
   (v)   Brief overview of your understanding of the topic *(What is the significance or the importance of the chosen topic in the context of cloud computing?)*
   (vi)   Summarize the existing approaches to address the chosen topic *(Based on reading the existing literature on the chosen topic, summarize and describe in your "own words" some of the solutions to the chosen topic)*
   (vii)   What are your findings or reflections based on reviewing the literature? *(Critically reflect on the existing literature and focus on the following points: Do the current proposed solutions that you have read solve the problem completely? If they do not what are the issues that they do not solve and identify some directions for those issues to be addressed)*

References (can be books, journal articles, conference articles, technical reports or authentic news articles)

(b) Your report should be written in Times New Roman Font (Size 12). Please format and structure your report legibly.
(c) Referencing requirements: Please follow "Harvard Referencing Style". The referencing guidelines can be located at http://www.lib.uts.edu.au/help/referencing/harvard-uts-referencing-guide
(d) Your report should not exceed 25 A4 pages in length.

Assessment Process for Assignment 1:

The following assessment criteria will be used in grading process for this assignment.

Criteria	Marks	Comments and Marks procured
Organization • Abstract and Keywords • Introduction • Overview of the topic • Summary of approaches • Reflection	4	
Description/Content • Overview of the topic • Summary of approaches • Reflection • Logic of the content (Are the references related to the topic?)	6	
Total	10	\<Total marks\>