The Assignment 1 Specification and Marking Criteria

# Technical Report on Trending Technologies in Enterprise Computing

As we expand beyond traditional computing techniques, we are entering an era where everything becomes a service. This philosophy will revolutionise the way that we think about computing. Microservices could be such a service-oriented architecture for future enterprise computing. In this assignment, you are to write a research report to introduce at least 2 major trending technologies around Enterprise Computing (**use existing market statistics as reason for your selection**) and critically review and compare them. To complete this report, you need to have good understanding of the listed issues and are expected to do personal research.

The report is to be structured as an **academic report** and the sections must be titled and numbered. Your work must be appropriately referenced using the **Harvard** (author-date) referencing style. The length of the report should be about **2,500** words. An ***Exemplar for Writing a Simple Academic Technical Report*** is available on the unit web site; you should read it before writing the report. In your report, you must address the following issues for cloud computing.

Part 1: Introduction

Briefly discuss the purpose of the report and generally introduce a few technologies that are relevant to this report, you may introduce several technologies in this section but discuss only 2 of them in details later in the report. Discuss the report structure.

Part 2: <name of the technology>

Discuss the first technology in details and explain why it has become a trend.

Part 3: <name of the technology>

Discuss the second technology in details and explain why it has become a trend.

Part 4: Comparison

Compare and contrast the 2 technologies (one may not insecurely be better than the other)

in this section use the statistics and/or valid reasoning to compare them NOT your own opinion

Part 5: Conclusion

In this part, you will need to conclude this report by summarising all negative and positive concerns in a short and concise way.

# Submission

The assignment must be submitted as a single Microsoft Word document. You must submit your assignment via the unit web site. **Any hardcopy or email submission will not be accepted. After the marked assignments are returned, any late submissions will not be accepted.**

**(See next page for marking criteria)**

**Marking Criteria**

|  |  |
| --- | --- |
| **Criteria** | **Available Marks** |
| **Part 1: Introduction** | 4 |
| Clearly discussed the purpose of the report | 1 |
| Correctly introduced at least 2 technologies | 2 |
| Report structure is discussed | 1 |
|  |  |
| **Part 2: Fist technology** | 4 |
| Introduced clearly and in details | 2 |
| Assertions are based on statistics and/or valid reasoning (not hearsay) | 2 |
|  |  |
| **Part 3: second technology** | 4 |
| Introduced clearly and in details | 2 |
| Assertions are based on statistics and/or valid reasoning (not hearsay) | 2 |
|  |  |
| **Part 4: Comparison** | 4 |
| Correctly compares and contrast the 2 technologies | 2 |
| Assertions are based on statistics and/or valid reasoning (not hearsay) | 2 |
| **Part 4: Conclusion** | 2 |
| Provides a correct summary of the report | 1 |
|  | 1 |
| The report is correctly formatted, and sources are correctly citated and referenced | 2 |
| **Sub Total for Assignment 1** | 20 |
| **Late Penalty** | -1.25 (5%) each calendar day |

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| --- | --- |
| **Plagiarism Related Penalty** |  |
| **Total for Assignment 1** |  |