

CST3511 Coursework 3: Report

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1 Brief Task Description

You must write a report describing your allocated internet scale application topic (see list on Moodle). The report should focus on its architecture; protocols; and security and privacy issues rather than just functionality available to the user. The report must make use of several reliable sources which must be properly referenced using the Harvard referencing system.

2 Submission

Report deadline: Wednesday, 28th April 2021.

The report must be uploaded to Moodle as a **PDF** file by the deadline. Do not submit a zip file or any word processor files. If you use a word processor to prepare your report export it as a PDF file. The report must be no longer than five pages (including references), if it is longer than five pages only the first five pages will be marked.

3 Task Clarification

If any part of the task is unclear please contact your lab tutor for clarification. However, do not expect them to provide a proofreading and correcting service (if you have issues with academic writing the library provides extra support for this).

4 Report Focus

As mentioned above, your report should focus on how the system is achieved, i.e. by describing the protocol(s); database(s) and architecture. You should also describe any relevant security, privacy and legal issues related to the system.

5 Sources of Information

In addition to the website of the project, you should also find reliable references using, e.g.:

- Google Scholar
- IEEE Xplore
- Middlesex University library search

Do not reference unreliable sources such as blog posts or Wikipedia pages.

6 Report Format and Structure

The heading of the first page must include the title, your name and student number (do not use a whole page for the title).

The main text for your report must be no smaller than 11pt font and the entire report (including references) must not be longer than five pages.

Your report should have the following sections (described in more detail below):

- abstract
- introduction
- system description
- architecture and protocols
- security, privacy and legal issues
- conclusion
- references

Do not include a table of contents

6.1 Abstract

A paragraph giving an overview of your whole report and main findings (**not a description of the coursework task**).

6.2 Introduction

Briefly describe what the report is about (**do not describe the coursework task or list the requirements**).

Include a paragraph at the end of the introduction describing the layout of the rest of the report.

6.3 System description

Briefly describe what the system is and what it does.

6.4 Architecture and protocols

Describe the architecture and protocols of the system. You should go into detail here and include diagrams (include a proper in-text reference in the caption if the diagram is not your own or if you recreated a diagram you found online).

This section should include details of hardware, software, data structures, databases, etc. as is relevant to the system you are writing about.

6.5 Security, Privacy and Legal Issues

Describe any security, privacy and legal issues relating to this system. Include potential problems, how they could occur and how the system mitigates against them.

6.6 Conclusion

A brief summary of the findings in your report.

6.7 References

A list of references using the Harvard referencing system. These should **all** have matching in-text references within the report. More details of the Harvard referencing system with examples can be found at <https://www.citethemrightonline.com/>. Harvard references shouldn't be in bullet-point or numbered lists.

7 Academic Misconduct

This is individual work and you should complete it yourself. You should not work as a group and each submit the same work (even with minor changes) as your own. Any material or ideas found online, in textbooks, etc should be properly referenced.

You should familiarise yourself with the university's academic integrity and misconduct policy: <https://www.mdx.ac.uk/about-us/policies/university-regulations>

8 Extenuating Circumstances

There may be difficult circumstances in your life that affect your ability to meet an assessment deadline or affect your performance in an assessment. These are known as extenuating circumstances or 'ECs'. Extenuating circumstances are exceptional, seriously adverse and outside of your control. Please see link for further information and guidelines:

<https://unihub.mdx.ac.uk/your-study/assessment-and-regulations/extenuating-circumstances>

9 Marking

The report will be marked according the following marking scheme.

10 Marking Scheme

Item	Marks
Abstract	5
Introduction	10
System description	15
Architecture and protocols	20
Security, privacy and legal issues	20
Conclusion	10
References	10
Layout and clarity or writing	10