

Title of project placed here

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A dissertation presented in part fulfillment of the requirements of the Degree of Master of Science at the University of Glasgow

Date of submission placed here

**Abstract**

<Abstract goes here…> This is an example abstract paragraph.

Education Use Consent

I hereby give my permission for this project to be shown to other University of Glasgow students and to be distributed in an electronic form.

<**Please note that you are under no obligation to sign this declaration, but doing so would help future students.>**

Name: Haifan X Signature:

Contribution Statement

<Briefly describe what you developed for this project, and acknowledge any additional sources or support that contributed to this development. For example, did you base your project development on an existing project whose source was publicly available with your supervisor's permission? Did you use any AI assistance in the creation of the project, and if so in what way? Did you use any existing frameworks or templates, if so identify them? Provide a clear overview of the parts of your project that you personally developed.>

Acknowledgements

<Acknowledgements go here>

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# Introduction <This is Heading 1>

Introduce the project.

<This is style Normal. We recommend you make use of styles to simplify creating a well-formatted document. We have used “space before” and “space after” in defining these styles, in order to space the headings and paragraphs appropriately. You should never need to enter a blank line.>

## A section <This is style Heading 2>

Please note your dissertation need not follow the included section headings – this is only a suggested structure. Also add subsections etc. as required.

### A subsection <This is style Heading 3>

Try to avoid this too much, but it’s here if you need it.

Chapter 1 Introduction ~1 page

* Address the motivation, overall aims and objectives.

# Survey

Each new chapter should appear on a new page.

Chapter 2 Analysis/Requirements/Background ~3-6 pages

* Discuss the background and related work, literature, products; analysis (1-3 pages)
* Explain how the requirements are gathered (the tools and techniques used – ½ page to 1 page)
* Specify the aims and objectives e.g. prioritized features and justification (~2 pages)
* User stories and MOSCOW statements in the Appendix

# Further Chapters

<Figure below is in style “figure” which continues to style “figure caption” when you press Enter and then back to “Normal” when you press Enter again.>

Figure 1: Some important shapes.

<If you wanted to show any code fragments, you could use the following style called code, which could then be followed by figure caption..>

*# This is a little bit of Python*

**for** i in range( 10 ):

**for** j in range( 10 ):

**print** i\*j,

**print**

Figure 2: A crucial algorithm for the project.

Chapter 3- Design & Implementation ~4 – 5 pages

* System architecture major technical/design decisions and implementation details (~1 page)
* Screenshots or other similar visuals that help advance readers understanding of project (~1 page)

(note: screenshots should be meaningful content – a picture of logos for the different technologies used, or code excerpts without explanation are not meaningful uses of space).

* Discuss key development contributions in depth as case studies of process, tools used, engineering challenges encountered - demonstrate your technical knowledge and ownership of the project (~3 pages)
* Additional details; design diagrams in the Appendix

# Testing & Evaluation

* Software testing – strategy & statistics (1-2 pages)
* Explanation of evaluation methodology, strategy, approach, persuading reader this is a valid, meaningful, appropriate evaluation of this specific project (1 page).
* Evaluation results – 2-3 pages (upto 4-5 pages covering each aspect of evaluation and discussion of results in detail)

# Conclusion – 2-3 pages

Show how you plan to organise your work, identifying intermediate deliverables and dates.

* Discussion and future work.
* Reflection on achievements - what wasn't achieved/why and what more could have been done or done differently in hindsight. Pick a few issues to discuss in \*depth\* rather than trying to be comprehensive.

# References

[1] C. Baier and J.-P. Katoen. *Principles of Model Checking*. MIT Press, 2008.

###### MoSCoW Statements of User Stories

**Must have:**

* Example

**Should have:**

* Example

**Could have:**

* Example

**Would have:**

* Example

###### <Another appendix>