

This is the Project Title

Your Name



Master of Science
School of Informatics
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Abstract

This skeleton demonstrates how to use the `infthesis` style for MSc dissertations in the School of Informatics. It also emphasises the page limit and associated style restrictions for Informatics dissertations with course code `INFR11077`. If your degree has a different project course code, then it is likely to have different formatting rules. The file `skeleton.tex` generates this document and should be used as a starting point for your thesis. Replace this abstract text with a concise summary of your report.

Research Ethics Approval

Instructions: *Agree with your supervisor which statement you need to include. Then delete the statement that you are not using, and the instructions in italics.*

Either complete and include this statement:

This project obtained approval from the Informatics Research Ethics committee.

Ethics application number: ???

Date when approval was obtained: YYYY-MM-DD

[If the project required human participants, edit as appropriate, otherwise delete:]

The participants' information sheet and a consent form are included in the appendix.

Or include this statement:

This project was planned in accordance with the Informatics Research Ethics policy. It did not involve any aspects that required approval from the Informatics Research Ethics committee.

Declaration

I declare that this thesis was composed by myself, that the work contained herein is my own except where explicitly stated otherwise in the text, and that this work has not been submitted for any other degree or professional qualification except as specified.

(Your Name)

Acknowledgements

Any acknowledgements go here.

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Chapter 1

Introduction

1.1 Motivation

1.2 Problem Statement

1.3 Objectives

1.4 Document Structure

Piotrowska's work[] focuses on creating a simulator for evaluating the anonymity, latency, bandwidth overhead and scalability of Mix Networks over different design configurations. Her study mainly used the Simulator to compare existing projects - Elixir, HOPR and Nym - deployed on Mix Network infrastructure with various configurations. The developed software realises many features that capture real-world use cases of Mix Networks but is not limited to it. The simulator can handle peer-to-peer network simulations as well, but we are not interested in such network formations within the context of this project. Next, we will take a deeper look into the Simulator's intrinsic, reporting on its core functionality, available features and input parameters. Additionally, we will run the simulator against a baseline configuration file using profiling[] and capture useful information about a simulation execution. This type of information will subsequently help us comment on simulation bottlenecks.

Chapter 2

Background

- 2.1 Mix Networks Fundamentals**
- 2.2 Measuring Anonymity**
- 2.3 Related Work**

Chapter 3

A Deep Dive Into The Simulators

3.1 Simulator

3.2 MiXiM

3.3 Features Competitive Grid

3.4 The Baseline Simulation

Chapter 4

Implementation

Chapter 5

Experiments and Results

Chapter 6

Conclusions

6.1 Final Reminder

The body of your dissertation, before the references and any appendices, *must* finish by page 40. The introduction, after preliminary material, should have started on page 1.

You may not change the dissertation format (e.g., reduce the font size, change the margins, or reduce the line spacing from the default 1.5 spacing). Be careful if you copy-paste packages into your document preamble from elsewhere. Some L^AT_EX packages, such as `fullpage` or `savetrees`, change the margins of your document. Do not include them!

Over-length or incorrectly-formatted dissertations will not be accepted and you would have to modify your dissertation and resubmit. You cannot assume we will check your submission before the final deadline and if it requires resubmission after the deadline to conform to the page and style requirements you will be subject to the usual late penalties based on your final submission time.

Bibliography

Appendix A

First appendix

A.1 First section

Any appendices, including any required ethics information, should be included after the references.

Markers do not have to consider appendices. Make sure that your contributions are made clear in the main body of the dissertation (within the page limit).

Appendix B

Participants' information sheet

If you had human participants, include key information that they were given in an appendix, and point to it from the ethics declaration.

Appendix C

Participants' consent form

If you had human participants, include information about how consent was gathered in an appendix, and point to it from the ethics declaration.