# CS799 Ridiculously Advanced Systems Term Report

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**Abstract**

This document is a simple template for a typical term or semester paper (lab/course report, "Übungsbericht", etc.) based on the HagenbergThesis LaTeX package.[1] The structure and chapter titles have been formulated to provide a good starting point for a typical *project report*. This document uses the custom class hgbreport which is based on LaTeX's standard report document class with `chapter` as the top structuring element. If you wish to write this report in German you should substitute the line

`\documentclass[english]{hgbreport}`

at the top of this document by

`\documentclass[german]{hgbreport}`.

In addition, the `smartquotes` document option is used in this document for simplified insertion of quotes. To omit the default **title page** (as in this document) use the `notitlepage` option, e.g.,

`\documentclass[notitlepage,english]{hgbreport}`.

Also, you may want to place the text of the individual chapters in separate files and include them using `\include{..}`.

Use the abstract to provide a short summary of the document's contents.

[1] See https://github.com/Digital-Media/HagenbergThesis for the most current version and additional examples. This repository also provides a good introduction and useful hints for authoring academic texts with LaTeX.

# Contents

# Chapter 1

# Aims and Context

Describe the initial goals and situation that lead to this project, requirements, as well as references to related work (e.g., [1]).

# Chapter 2

# Project Details

Describe important project steps, e.g., the rationale of the chosen architecture or technology stack, design decisions, algorithms used, interesting challenges faced on the way, lessons learned etc.

# Chapter 3

# System Documentation

Give a well-structured description of the architecture and the technical design of your implementation with sufficient granularity to enable an external person to continue working on the project.

# Chapter 4

# Summary

Give a concise (and honest) summary of what has been accomplished and what not. Point out issues that may warrant further investigation.

# Appendix A

# Supplementary Materials

The appendix is a good place to attach a user guide, screenshots, installation instructions, etc. Add a separate chapter for each major item.

# References

[1] Nicholas J. Higham. *Handbook of Writing for the Mathematical Sciences*. 2nd ed. Philadelphia: Society for Industrial and Applied Mathematics (SIAM), 1998. URL: https://www.maths.manchester.ac.uk/~higham/hwms/ (cit. on p. 3).