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\footnote{See \url{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.} 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 \texttt{hgbreport} which is based on LaTeX’s standard \texttt{report} document class with \texttt{chapter} as the top structuring element. If you wish to write this report in German you should substitute the line

\begin{verbatim}
\documentclass[german]{hgbreport}
\end{verbatim}

at the top of this document by

\begin{verbatim}
\documentclass[english]{hgbreport}
\end{verbatim}

To omit the default title page (as in this document) use the \texttt{notitlepage} option, e.g.,

\begin{verbatim}
\documentclass[notitlepage,english]{hgbreport}
\end{verbatim}

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

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