

THESIS TITLE

SUBTITLE

Master Thesis

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Abstract

This is a sample abstract.

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List of Abbreviations

OWL	Web Ontology Language
TC	Telecommunications Company

1 Writing a Thesis

1.1 Formal Requirements

This chapter gives a short overview of the formal requirements for a master thesis at the Software Engineering Group at the University of Mannheim and clarifies the submission process. Please keep in mind that you also have to adhere to the respective examination regulations.

The detail requirements are listed in Table 1 below. All master theses must be prepared using the group's Word or Latex templates¹. In addition, the basic rules of scientific writing have to be observed, such as identifying the sources of your work and verbatim quotes, etc.

Minimum number of content-bearing pages (i.e. the arabically numbered pages)	80
Maximum number of content-bearing pages (i.e. the arabically numbered pages)	120
List of Figures	yes
List of Tables	yes
Declaration of Authorship	yes
Assignment of Rights	yes
Preparation period	6 months
Number of copies to be submitted	Two copies (hard bound, dark blue cover) to the chair's office

Table 1 Overview of the requirements

¹ <http://swt.informatik.uni-mannheim.de/de/studies/master-and-bachelor-theses/guidelines/>

Work products	Upload to ILIAS
---------------	-----------------

1.1.1 Reference Literature

Good sources of literature for preparing a in Computer Science thesis can be found here:

- IEEE Computer Society Digital Library: <http://www.computer.org/portal/site/csdl/index.jsp>
- ACM Digital Library: <http://portal.acm.org/dl.cfm>
- CEUR Workshop Proceedings: <http://ceur-ws.org/>
- Springer Link: <http://www.springerlink.com/home/main.mpx>

The ACM and Springer documents are free of charge if accessed with a university IP (e.g. over a VPN connection or from the PI pool). For the IEEE library, the login details can be obtained at the university library. CEUR documents are all freely accessible.

The bibliography has to be structured according to the specifications defined by the template, and citations should have this form [1].

1.1.2 Contents

Helpful hints on how to write a research paper can be found here - <http://www.cs.cmu.edu/~Compose/shaw-icse03.pdf>.

1.1.3 Submission

The two physical copies of the thesis, printed double-sided, must be submitted by the agreed deadline to the group's office. In addition, a PDF version of the thesis along with all work products (e.g. code, models, questionnaires...) must be uploaded to the respective ILIAS group. If these are not submitted by the agreed deadline, the examination conditions have not been satisfied.

Once the physical and soft copies of the thesis have been received, and all items borrowed from the group (e.g. keys, books) have been returned, the Studienbüro will be informed that the thesis has been successfully submitted.

2 Implementation

We generally recommend the following directory structure for a software project:

- projektname
 - bin
 - doc
 - lib
 - src

The software should be saved in the package `de.uni-mannheim.informatik.swt.projektname` under `src`.

The source code should be entirely in English, including comments, names of functions, variables, menu items in the user interface, short explanations and program output.

The code should be formatted and emitted in the Courier New font, as in the following example:

```
package de.uni-mannheim.informatik.swt.projektname;

import javax.servlet.http.HttpServletRequest;

import de.unimannheim.wifo3.cobana.action.ActionForm;
import de.unimannheim.wifo3.cobana.action.ActionMapping;

public class GuestbookForm extends ActionForm {
private String name = null;
private String message = null;

public GuestbookForm() {
}
}
```

```
public String getName() {
    return this.name;
}

public void setName(String name) {
    this.name = name;
}

public String getMessage() {
    return this.message;
}

public void setMessage(String message) {
    this.message = message;
}

public void reset(ActionMapping mapping, HttpServletRequest request) {
    setName(null);
    setMessage(null);
}
}
```

Listing 1 GuestbookForm.java

Bibliography

- [1] Andrew S. Tanenbaum and Maarten Van Steen. Distributed Systems - Principles and paradigms. Pearson Prentice Hall, New Jersey, 2nd edition, 2007.

Appendix

A. First class of appendices

- a. Some appendix

This is a sample appendix entry.

Declaration of Authorship / Eidesstattliche Erklärung

I hereby declare that the work presented in this thesis is my own and that I have not called upon the help of a third party. In addition, I affirm that neither I nor anybody else has previously submitted this work or parts of it to obtain credits elsewhere. I have clearly marked and acknowledged all quotations and references that have been taken from the works of others. All secondary literature and other sources are marked and listed in the bibliography. The same applies to all charts, diagrams and illustrations as well as to all Internet resources. Moreover, I consent to my paper being electronically stored and sent anonymously in order to be checked for plagiarism. I know that if this declaration is not made, the paper may not be graded.

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Mannheim, den 7. February 2020

Max Mustermann

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