University of Stuttgart
Germany

Master's thesis

This shall be a great thesis paper with an extremely long title but who cares

Some theses even have subtitles

presented by

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on

July 13, 2015

A master's thesis presented to the faculty in partial fulfillment of
the requirements for the degree Master of Science (M.Sc.)

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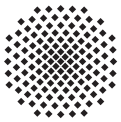

Universität Stuttgart

Masterarbeit

Dies soll ein langer Titel der Arbeit sein damit er extra lang ist aber das macht ja niemandem etwas aus

Manche Arbeiten haben sogar Untertitel

vorgelegt von

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am

13.07.2015

Eine Masterarbeit zur Vorlage an der Fakultät zur Erlangung
des akademischen Grades Master of Science (M.Sc.)

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Widmung

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Abstract

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Chapter 1

The Very First Chapter With a Very Long Title Just to See What it Looks Like Since it Spans Multiple Lines in the ToC

Chapter 2

A Second Chapter

2.1 A First Section

2.1.1 A Sample Subsection

A Sample Subsubsection

A Sample Paragraph

A Sample Subparagraph

Chapter 3

The Main Template

3.1 Document Structure

Basically you are free in organizing your document, however, it is recommended that a certain order of chapters is always obeyed to which is

1. Titlepage
2. Dedication
3. Copyright
4. Declaration of Authorship
5. Abstract (with keywords)
6. Abstract in German if thesis written in English
7. Table of Contents
8. List of Figures
9. List of Tables
10. List of Abbreviations (textual abbreviations like e.g., CDPR)
11. List of Symbols (math symbols and alike)
12. Your main content
13. Appendix or appendices
14. Acknowledgments
15. Bibliography

For figures the guidelines are:

FIGURE 3.1: *A sample figure of the New York Hotel at Las Vegas, NV, USA showing the effect of a looooong looooong caption.*

(A) *Picture 1*

(B) *Picture 2*

FIGURE 3.2: *Even subfigures of two figures are possible*

(A) *Picture 1*

(B) *Picture 2*

(C) *Picture 3*

(D) *Picture 4*

FIGURE 3.3: *Even subfigures of four figures are possible*

TABLE 3.1: *A sample table*

Item		
Animal	Description	Price ($)
Gnat	per gram	13.65
	each	0.01
Gnu	stuffed	92.50
Emu	stuffed	33.33
Armadillo	frozen	8.99

TABLE 3.2: *Tables can look nice, even for many many data to display*

m	$\Re\{\underline{\mathfrak{X}}(m)\}$	$-\Im\{\underline{\mathfrak{X}}(m)\}$	$\mathfrak{X}(m)$	$\frac{\mathfrak{X}(m)}{23}$	A_m	$\varphi(m)$ / °	φ_m / °
1	16.128	8.872	16.128	1.402	1.373	−146.6	−137.6
2	3.442	−2.509	3.442	0.299	0.343	133.2	152.4
3	1.826	−0.363	1.826	0.159	0.119	168.5	−161.1
4	0.993	−0.429	0.993	0.086	0.08	25.6	90
5	1.29	0.099	1.29	0.112	0.097	−175.6	−114.7
6	0.483	−0.183	0.483	0.042	0.063	22.3	122.5
7	0.766	−0.475	0.766	0.067	0.039	141.6	−122
8	0.624	0.365	0.624	0.054	0.04	−35.7	90
9	0.641	−0.466	0.641	0.056	0.045	133.3	−106.3
10	0.45	0.421	0.45	0.039	0.034	−69.4	110.9
11	0.598	−0.597	0.598	0.052	0.025	92.3	−109.3

- Always center images using `\centering` as the very first command of the `figure`-environment.
- Make sure to set the width of your included images explicitely using the `width=\linewidth` option.
- Don't forget to keep the aspect ratio of images if you change their width.
- Never ever under sample images. In other words: never ever enlarge images.
- It's best to use vector graphics i.e., `*.eps` or `*.tikz` for proper quality in both PDFs as well as on screen.
- Add a caption to your image. Captions must be below the image.
- Let the labels be handled automatically by LaTeX. A best practice is to set the prefix of figures' labels to `fig:`.
- For a good example see Fig. 3.1 and its code at **??** (this reference was created using the `\cref{}` command).
- Always add a full stop to your figure captions like so.

3.2 Referencing

Referencing may be done using `\ref{label}` even though usage of `\cref{label}` is encouraged for that it automatically typesets the appropriate type like `Eqn.` or `Fig.`, `Tbl.`, or `Listing` to whatever is being reference. At the beginning of a sentence `\Cref{label}` must be used to fully the referenced type in words. Figure 3.1 refers to a sample figure at the beginning of a sentence, while Fig. 3.1 refers to a sample figure in text.

- Capitalise and write in words the reference object at the beginning of a sentence
- Otherwise use the abbreviated forms of `Fig.`, `Eqn.`, and `Tbl.` for referencing figures, equations, and tables, respectively
- Refer to the `cleveref` package documentation at `http://www.ctan.org/pkg/cleveref`

Appendices

Appendix One

A.1 First Section of Appendix One

A.2 Second Section of Appendix One

Appendix Two

B.1 First Section of Appendix Two

B.2 Second Section of Appendix Two

B.3 Third Section of Appendix Two