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4 Summary

5 This is the summary.

6 It could describe how convenient it is that the template acts as the documentation as well. This
7 unfortunately is not done...

Preface

This is an optional chapter of your report. Remove it if you do not need it.

Text

<name>

<place, date>

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26 **1 Introduction**

- 27 [todo] Context, rationale of the problem / work at hand.
- 28 [todo] technical problem to be solved with a justification of its importance.
- 29 [todo] An account of related and prior work explaining why this has not solved the problem.
-> literature review
- 30 [todo] research hypothesis or claim
- 31 [todo] sketch of the proposed solution.
- 32 [todo] expected contributions of your dissertation research
- 33 [todo] progress insolving the stated problem
- 34 [todo] the methods you are using or will use to carry out your research
- 35 [todo] a plan for evaluating your work and presenting credible evidence of you results of the
research community.

2 Background

[todo] theory / information needed to understand the rest

*** not derived by the author but summarized from existing material. Knowledgeable readers can skip this chapter without losing their understanding of the report ***

[todo] d-spect info

[todo] tracer info

42 **3 Analysis**

43 [todo] Theoretical approach to TAC in patients.

44 [todo] simulations

4 Design

[todo] Phantom

[todo] Controller

[todo] GUI

4.1 Phantom

4.2 Controller

4.3 GUI

52 **5 Discussion**

53 [todo] relate to first chapters

54 **6 Conclusion**

55 [todo] short, definitive conclusion

56 **7 Recommendations**

57 [todo] improvement ideas

58 [todo] limitations

A Appendix 1

Tip: Make a copy of this document, since this is a manual of the template. This will prevent losing the document while modifying it. (And probably breaking it.)

A.1 Required TexLive packages

The following packages are required for TeX Live 2012 and 2013 (tested under Ubuntu)

```
texlive
texlive-lang-dutch      -> Dutch hyphenation
                        (old TeX Live distributions, 2013-)
texlive-lang-europeans -> Dutch hyphenation (amongst others)
                        (new TeX Live distributions 2013+)
texlive-latex-extra
texlive-fonts-extra     -> fourier
texlive-humanities      -> lineno
texlive-pstricks        -> pstricks (2013+?)
                        (not really used in the template??)
```