

Bachelor Thesis

**DESIGN AND IMPLEMENTATION
OF CCEAP USER INTERFACE**

Bachelor Thesis Submitted as Partial Fulfilment of the
Requirements for the Degree of B.Sc. in Applied computer
science at the University of applied sciences (Hochschule Worms)

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supervised by Prof. Dr. Stephen Wendzel

Applied Computer Science
Software construction

Declaration of Authenticity

I hereby declare that all material presented in this document is my own work. I fully and specifically acknowledge wherever adapted from other sources.

I understand that if at any time it is shown or proven that I have intentionally misrepresented material present here, any degree or credits awarded to me on the basis of the material may be revoked.

I declare that all statements and information contained here is true, correct and accurate to the best of my knowledge and belief.

Ludwigshafen, Summer 2017.

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Feugang Kemegni Fabrice

Abstract

In general the abstract should be the last thing that you write, when you know what you have actually written. It is nevertheless a good idea to work on a draft continuously. Writing a good abstract is difficult, since it should only include the most important points of your work. But this is also why working on your abstract can be useful – it forces you to identify exactly what it is you are writing about.

Content

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1. Introduction

Problem statement: the problem/context on hand

- What is CCEAP
- how does it function
- what are its limitations
- The program runs from command line which is complex,
- command line is difficult to use
- such tool should be portable, i.e. it should run on both windows and Unix

What is my contribution to solve the problem

create a GUI program that:

- read inputs from users
- display outputs from output

2. Related Work

Show that I have read about the topics

- solutions that are already available
- what is already out there
- the goal is not to reinvent the wheel, instead
- show other scientific publications

3. Design and Implementation

How is the GUI implemented, descriptions

- sketches
- wire frames
- mock-ups

Design decisions

- why I choose this design
- i.e. user guide
- program documentation

4. Discussion

My remark about the implementation

Problems encountered during the implementation

Good Things about the tool

Drawbacks/bad about the tool

5. Conclusion

What other features can be added to the tool

What features should not be added

Open tasks to the GUI

6. Abbreviations