Title of the Thesis

Master-Thesis
John Doe
KOM-type-number

TECHNISCHE
UNIVERSITÄT
DARMSTADT

Fachbereich Elektrotechnik
und Informationstechnik
Fachbereich Informatik (Zweitmitglied)

Fachgebiet Multimedia Kommunikation
Prof. Dr.-Ing. Ralf Steinmetz

Title of the Thesis
Titel der Arbeit (Übersetzung)

Master-Thesis
Studiengang: Elektrotechnik und Informationstechnik
KOM-type-number

Eingereicht von John Doe
Tag der Einreichung: dd. month yyyy

Gutachter: Prof. Dr.-Ing. Ralf Steinmetz
Betreuer:

Technische Universität Darmstadt
Fachbereich Elektrotechnik und Informationstechnik
Fachbereich Informatik (Zweitmitglied)

Fachgebiet Multimedia Kommunikation (KOM)
Prof. Dr.-Ing. Ralf Steinmetz

Erklärung zur Abschlussarbeit gemäß § 22 Abs. 7 und § 23 Abs. 7 APB der TU Darmstadt

Hiermit versichere ich, John Doe, die vorliegende Master-Thesis gemäß § 22 Abs. 7 APB der TU Darmstadt ohne Hilfe Dritter und nur mit den angegebenen Quellen und Hilfsmitteln angefertigt zu haben. Alle Stellen, die Quellen entnommen wurden, sind als solche kenntlich gemacht worden. Diese Arbeit hat in gleicher oder ähnlicher Form noch keiner Prüfungsbehörde vorgelegen.

Mir ist bekannt, dass im Falle eines Plagiats (§38 Abs.2 APB) ein Täuschungsversuch vorliegt, der dazu führt, dass die Arbeit mit 5,0 bewertet und damit ein Prüfungsversuch verbraucht wird. Abschlussarbeiten dürfen nur einmal wiederholt werden.

Bei der abgegebenen Thesis stimmen die schriftliche und die zur Archivierung eingereichte elektronische Fassung gemäß § 23 Abs. 7 APB überein.

Darmstadt, den dd. month yyyy

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John Doe

Contents

Abstract

The abstract goes here...

1 Introduction

Hint:

This chapter should motivate the thesis, provide a clear description of the problem to be solved, and describe the major contributions of this thesis.

1.1 Motivation

What is the motivation for doing research in this area?

1.2 Problem Statement and Contribution

What is the problem that should be solved with this thesis?

1.3 Outline

How is the rest of this thesis structured?

2 Background

Hint:

This chapter should give a comprehensive overview on the background necessary to understand the thesis.

BibTeX-Test: [SW05] **(author?)** [SW05]

2.1 Background Topic 1

2.2 Background Topic 2

2.3 Summary

3 Related Work

Hint:

This chapter should give a comprehensive overview on the related work done by other authors followed by an analysis why the existing related work is not capable of solving the problem described in the introduction.

3.1 Related Work Area 1

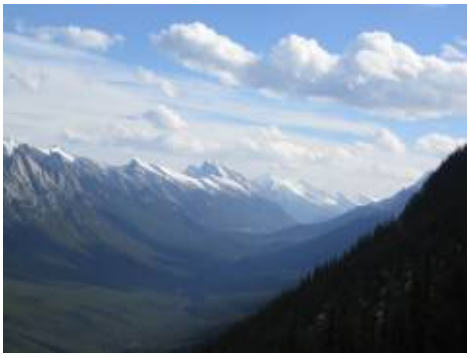
Figure 3.1: Caption.

3.2 Related Work Area 2

3.3 Analysis of Related Work

3.4 Summary

(a) Subcaption 1



(b) Subcaption 2

Figure 3.2: Caption.

4 Design

Hint:

This chapter should describe the design of the own approach on a conceptional level without mentioning the implementation details.

4.1 Requirements and Assumptions

4.2 System Overview

4.2.1 Component 1

4.2.2 Component 2

4.3 Summary

5 Implementation

Hint:

This chapter should describe the details of the implementation addressing the following questions:

1. What are the design decisions made?
2. What is the environment the approach is developed in?
3. How are components mapped to classes of the source code?
4. How do the components interact with each other?
5. What are limitations of the implementation?

5.1 Design Decisions

5.2 Architecture

5.3 Interaction of Components

5.4 Summary

6 Evaluation

Hint:

This chapter should describe how the evaluation of the implemented mechanism was done.

1. Which evaluation method is used and why? Simulations, prototype?
2. What is the goal of the evaluation? Comparison? Proof of concept?
3. Wich metrics are used for characterizing the performance, costs, fairness, and efficiency of the system?
4. What are the parameter settings used in the evaluation and why? If possible always justify why a certain threshold has been chose for a particular parameter.
5. What is the outcome of the evaluation?

6.1 Goal and Methodology

6.2 Evaluation Setup

Parameter	Value
P1	V1
P2	V2
P3	V3
P4	V4

Table 6.1: Evaluation Parameters

6.3 Evaluation Results

6.4 Analysis of Results

7 Conclusions

Hint:

This chapter should self-critically summarize the thesis and describe the main contributions of the thesis. Subsequently, it should describe possible future work in the context of the thesis. What are limitations of the developed solutions? Which things can be improved?

7.1 Summary

7.2 Contributions

7.3 Future Work

7.4 Final Remarks

Bibliography

[SW05] Ralf Steinmetz and Klaus Wehrle, editors. *Peer-to-Peer Systems and Applications (Lecture Notes in Computer Science)*. Springer, 1 edition, 10 2005.