# Sophisticated Template for a Thesis

Presented by First Last, MTA Born in Foo Bar

Template Faculty Template University To get the degree in

PhD of templates - Dr.-Tmpl. -

Submitted

#### Board:

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#### 11. Februar 2016

LATEX

### **Affidavit**

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Furthermore, I confirm that no sources have been used in the preparation of this thesis other than those indicated in the thesis itself.

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Dedicated to my beloved family.

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### ABSTRACT

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## ZUSAMMENFASSUNG

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Eingrenzung: Bar Foo

Problemstellung

Wissenschaftlicher Beitrag

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#### CHAPTER 1

## INTRODUCTION

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	1.2	Problem Statement	
	1.3	Assumptions and Scope	
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### 1.1 Background and Motivation

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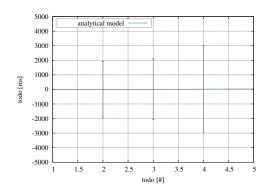


Figure 1.1: Example (based on [a1])

Application Area: Foo Fooli

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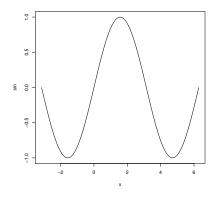


Figure 1.2: Another example [a1]

Research Focus: Bar Barli

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Taxonomy

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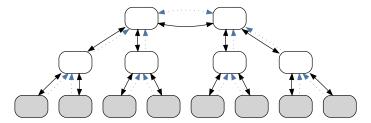


Figure 1.3: Taxonomy

#### 1.2 **Problem Statement**

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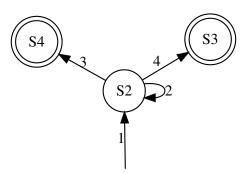


Figure 1.4: Relationship between issues

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#### 1.3 Assumptions and Scope

Research Assumptions

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Research Scope

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#### 1.4 Objectives and Contributions

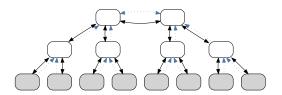


Figure 1.5: Structure of research

Research Objectives & Contributions

((todo: write about the research objectives and DBpedia<sup>1</sup> [m1] and Figure 1.5))

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### 1.5 Methodology and Outline

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<sup>1</sup>http://dbpedia.org

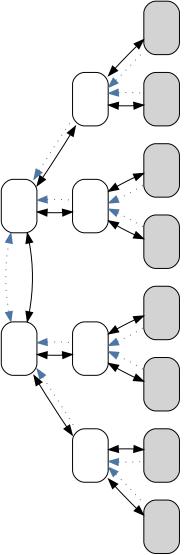


Figure 1.6: Workflow of the research and structure of the thesis

#### CHAPTER 2

## STATE OF THE ART

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		2.3.1 Specific Example 1
		2.3.2 Specific Example 2
95	2.4	Related Area 3
		2.4.1 Specific Example 1
		2.4.2 Specific Example 2
	2.5	Conclusion

### 2.1 Introduction

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Overview

#### 2.2 Related Area 1

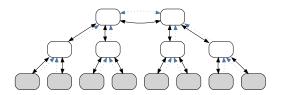


Figure 2.1: Related area 1 within the structure of research

Overview

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Focus

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#### 2.2.1 Specific Example 1

Definition

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#### 2.2.2 Specific Example 2

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Implementations

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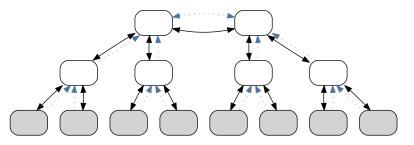


Figure 2.2: Comparison of Example 2 and Example 3 (based on [a1])

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#### Specific Example 3 2.2.3

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#### 2.3 Related Area 2

Overview

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#### 2.3.1 Specific Example 1

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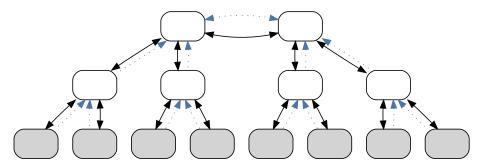


Figure 2.3: Related Area 2

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#### 2.3.2 Specific Example 2

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#### 2.4 Related Area 3

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Overview

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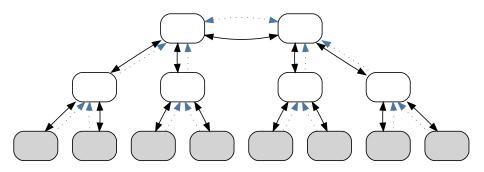


Figure 2.4: Related Area 3

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#### 2.4.1 Specific Example 1

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Issues

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#### 2.4.2 Specific Example 2

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Definition

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#### 2.5 **Conclusion**

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CHAPTER 3 330

# REQUIREMENT ANALYSIS

3	3.1	Introduction	
335 3	3.2	Stakeholder 1         1         16	
3	3.3	Stakeholder 2         16	
3	3.4	Stakeholder 3	
3	3.5	Conclusion	

### 3.1 Introduction

((todo: write about Figure 3.1)) Lorem ipsum dolor sit amet, con-Overview

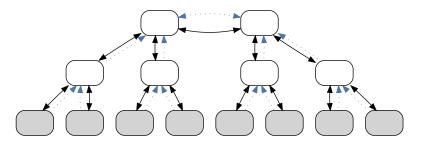


Figure 3.1: More detailed overview of the requirements

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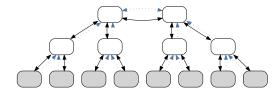


Figure 3.2: Placement of the requirement section in the structure of research

## 3.2 Stakeholder 1

*Table 3.1* ((todo: write about Table 3.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Table 3.1: Requirements from stakeholder 1 perspective

#	Description
U1: Foo	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
U2: Bar	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

## 3.3 Stakeholder 2

*Table 3.2* ((todo: write about Table 3.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

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Table 3.2: Requirements from stakeholder 2 perspective

#	Description
S1: Foo	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
S2: Bar	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

### 3.4 Stakeholder 3

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Table 3.3: Requirements from stakeholder 3 perspective

#	Description
T1: Foo	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
T2: Bar	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

### 3.5 **Conclusion**

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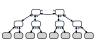
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## CONTRIBUTION 1

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	4.1	Introduction	
	4.2	State of the Art	
		4.2.1 Related Work 1	
		4.2.2 Related Work 2	
405		4.2.3 Related Work 3	
	4.3	Own Approach	
		4.3.1 Overview	
		4.3.2 First Part	
		4.3.3 Second Part	
410		4.3.4 Third Part	
	4.4	Conclusion	

### 4.1 Introduction

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Overview

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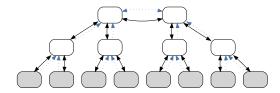


Figure 4.1: Placement of contribution 1 in the structure of research

## 4.2 State of the Art

Overview ((todo: write about Figure 4.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

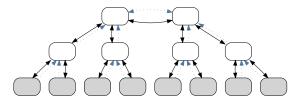


Figure 4.2: Relationship of contribution 1 to related work

### 4.2.1 Related Work 1

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Listing 4.1: Listing related to related work 1 for contribution 1

```
class HelloWorld {

private final static String MESSAGE="Hello_World!";

public static void main(String[] args) {

System.out.println(MESSAGE);

}
```

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### 4.2.2 **Related Work 2**

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Listing 4.2: Listing related to related work 2 for contribution 1

```
1
   class HelloWorld {
      private final static String MESSAGE="Hello_World!";
2
3
          public static void main(String[] args) {
4
          System.out.println(MESSAGE);
5
6
```

### 4.2.3 **Related Work 3**

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Listing 4.3: Listing related to related work 3 for contribution 1

```
class HelloWorld {
2
      private final static String MESSAGE="Hello_World!";
```

495

485

```
3
           public static void main(String[] args) {
4
           System.out.println(MESSAGE);
                                                                              500
5
6
   }
```

### 4.3 Own Approach

#### 4.3.1 Overview

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((todo: write about Figure 4.3)) Lorem ipsum dolor sit amet, consectetur adipisicing Goal

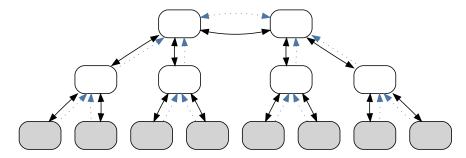


Figure 4.3: Contribution 1 goal

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#### 4.3.2 **First Part** 520

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Approach

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### **Second Part** 4.3.3

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#### 4.3.4 **Third Part**

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### Conclusion 4.4

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## CONTRIBUTION 2

	5.1	Introduction	
595	5.2	State of the Art	
		5.2.1 Related Work 1	
		5.2.2 Related Work 2	
		5.2.3 Related Work 3	
	5.3	Own Approach	
600		5.3.1 Overview	
		5.3.2 First Part	
		5.3.3 Second Part	
		5.3.4 Third Part	
	5.4	Conclusion	
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### 5.1 Introduction

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Overview

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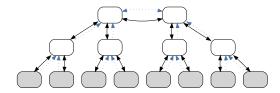


Figure 5.1: Placement of Contribution 2 in the structure of research

## 5.2 State of the Art

Overview ((todo: write about Figure 5.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

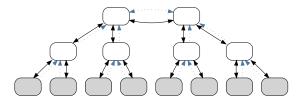


Figure 5.2: Relationship of Contribution 2 to related work

### 5.2.1 Related Work 1

Overview ((to

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Listing 5.1: Listing related to related work 1 for Contribution 2

```
class HelloWorld {
  private final static String MESSAGE="Hello_World!";
  public static void main(String[] args) {
    System.out.println(MESSAGE);
  }
  645
```

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### 5.2.2 **Related Work 2**

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Listing 5.2: Listing related to related work 2 for Contribution 2

```
665
       1
          class HelloWorld {
              private final static String MESSAGE="Hello_World!";
       2
       3
                 public static void main(String[] args) {
       4
                  System.out.println(MESSAGE);
       5
670
       6
          }
```

### 5.2.3 **Related Work 3**

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Listing 5.3: Listing related to related work 3 for Contribution 2

```
class HelloWorld {
1
2
      private final static String MESSAGE="Hello_World!";
```

## 5.3 Own Approach

### 5.3.1 Overview

Intro ((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

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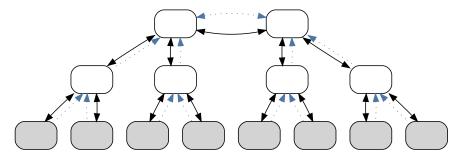


Figure 5.3: Contribution 2 goal

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### 5.3.2 First Part

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Goal

Approach

Approach

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### **Second Part** 5.3.3

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#### 5.3.4 **Third Part**

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Takeaway 3

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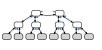
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## CONTRIBUTION 3

785		
	6.1	Introduction
	6.2	State of the Art
		6.2.1 Related Work 1
790		6.2.2 Related Work 2
		6.2.3 Related Work 3
	6.3	Own Approach
		6.3.1 Overview
		6.3.2 First Part
795		6.3.3 Second Part
		6.3.4 Third Part
	6.4	Conclusion
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### 6.1 Introduction

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Overview

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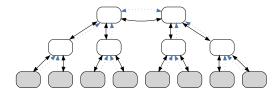


Figure 6.1: Placement of Contribution 3 in the structure of research

## 6.2 State of the Art

*Overview* ((todo: write about Figure 6.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

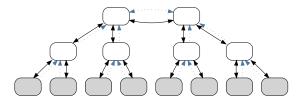


Figure 6.2: Relationship of Contribution 3 to related work

### 6.2.1 Related Work 1

Overview

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Some Aspects

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Issues

((todo: write about Listing 6.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Listing 6.1: Listing related to related work 1 for Contribution 3

```
class HelloWorld {
    private final static String MESSAGE="Hello_World!";
    public static void main(String[] args) {
        System.out.println(MESSAGE);
    }
```

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((todo: write about Listing 6.2)) Lorem ipsum dolor sit amet, consectetur adipisicing Issues

Listing 6.2: Listing related to related work 2 for Contribution 3

```
1
          class HelloWorld {
              private final static String MESSAGE="Hello_World!";
       2
860
       3
                 public static void main(String[] args) {
       4
                  System.out.println(MESSAGE);
       5
       6
          }
865
```

### 6.2.3 **Related Work 3**

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((todo: write about Listing 6.3)) Lorem ipsum dolor sit amet, consectetur adipisicing Issues

Listing 6.3: Listing related to related work 3 for Contribution 3

```
class HelloWorld {
2
      private final static String MESSAGE="Hello_World!";
```

```
3          public static void main(String[] args) {
4              System.out.println(MESSAGE);
5          }
6     }
```

## 6.3 Own Approach

### 6.3.1 Overview

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Goal ((todo: write about Figure 6.3)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

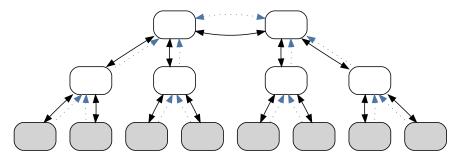


Figure 6.3: Contribution 3 goal

Approach ((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla

### 6.3.2 First Part

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Approach

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#### **Second Part** 6.3.3

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#### 6.3.4 **Third Part**

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### Conclusion 6.4

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Takeaway 2

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Takeaway 3

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Next chapter

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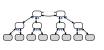
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## EVALUATION

980	7.1	Introduction
	7.2	Experimental Validation
		7.2.1 Setup 1
		7.2.2 Setup 2
	7.3	Performance Evaluation
985		7.3.1 Evaluation 1
		7.3.2 Evaluation 2
	7.4	Observational Validation
		7.4.1 Project 1
		7.4.2 Project 2
990	7.5	Deployments
		7.5.1 Installation 1
		7.5.2 Installation 2
	7.6	Code Verification
	7.7	Comparative Analysis
995		7.7.1 Requirement Evaluation
		7.7.2 Comparison with Other Approaches
	7.8	Conclusion
1000		

## 7.1 Introduction

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Overview

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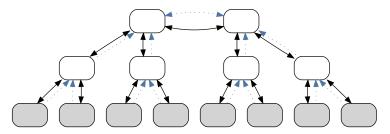


Figure 7.1: Choice of verification and validation techniques [a1]

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Structure of Research

((todo: write about Figure 7.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

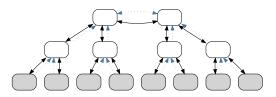


Figure 7.2: Placement of the evaluation in the structure of research

## 7.2 Experimental Validation

Overview ((todo: write about Table 7.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

## **7.2.1** Setup 1

Overview

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Integration

((todo: write about Equation (7.1))) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Table 7.1: Sideways table

Experiment 1	Experiment 2	Experiment 3	Experiment 4	Experiment 5	Experiment 6	Experiment 7
САТСН	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER

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$$t_{fw}^{p_d}(d) = \max_{d}(t_{child_i})$$

$$t_{db}^{p_d}(d) = \sum_{i=1}^{d} t_{db_i}$$

$$t_{pc}^{p_d}(n,d) = \begin{cases} t_{pc}(d) + c(n) & \text{if } d = 1, \\ t_{pc}(d) + c(n) + \max(t_{avail}(d)) & \text{if } d > 1. \end{cases}$$
(7.1)

Example

((todo: write about Listing 7.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Listing 7.1: Experiment 1

```
class HelloWorld {
   private final static String MESSAGE="Hello_World!";
   public static void main(String[] args) {
      System.out.println(MESSAGE);
   }
}
```

## 7.2.2 Setup 2

Overview

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Integration

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Example

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## 7.3 Performance Evaluation

Overview

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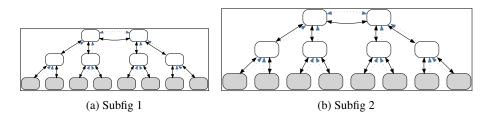


Figure 7.3: Sub Figures

### 7.3.1 **Evaluation 1**

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### 7.3.2 **Evaluation 2**

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((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do Response Times

• In: 159 ms  $\pm$  21 ms (95% CI)

• *Out*: 33 ms  $\pm$  5 ms (95% CI)

• Between: 238 ms  $\pm$  9 ms (95% CI)

• After:  $45 \text{ ms} \pm 1 \text{ ms} (95\% \text{ CI})$ 

• *Under*: 215 ms  $\pm$  2 ms (95% CI)

• Over: 148 ms  $\pm$  3 ms (95% CI)

Scalability

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## 7.4 Observational Validation

Overview

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## **7.4.1** Project 1

Overview

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System Specification

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Extraction

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Example

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## **7.4.2** Project 2

Overview

((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

System Specification

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Extraction

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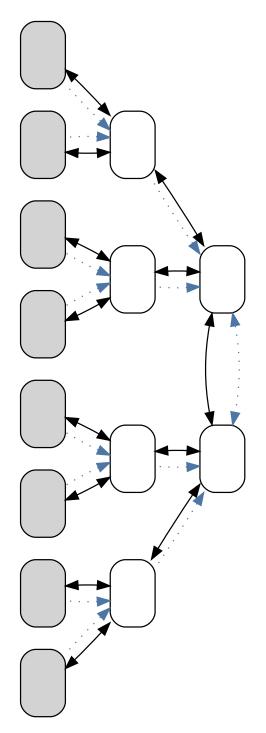


Figure 7.4: Sideways figure

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Example

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## 7.5 Deployments

Overview

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## 7.5.1 Installation 1

Overview

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Integration

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### 7.5.2 Installation 2

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Integration

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## 7.6 Code Verification

Overviev

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Static Tests

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### 7.7 Comparative Analysis

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### 7.7.1 **Requirement Evaluation**

((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod Table 7.2

Table 7.2: Mapping requirements against own approach

Requirements	Approach
U1 (Foo)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
U2 (Bar)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
S1 (Foo)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Requirements	Approach
S2 (Bar)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
T1 (Foo)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
T2 (Bar)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

### 7.7.2 **Comparison with Other Approaches**

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Table 7.3: Comparison of related work with own approach

Requirements	Related 1	Related 2	Related 3	Related 4	Related 5	Own Ap- proach
U1 U2	(+)	(++)	<b>(0)</b>	(-)	<b>(0)</b>	(+++)

Requirements	Related 1	Related 2	Related 3	Related 4	Related 5	Own Ap- proach
(ABAC)	ABAC ABAC v3, ABAC ABAC	ABAC v2, ABAC, native ABAC	ABAC	native ABAC	ABAC ABAC v2	ABAC v3, ABAC, ABAC, native ABAC, native
T1 (Details)	(o) via foo	(++) by bar / role-foo	_	_	(++) bar / foo	(+) foo-bar
S1 S2 T2 (Barli)	(+) via barli	(+) via fooli	_	(+) via bar-foo	(+) via foo-bar	(+) via bar-bar

### 7.8 **Conclusion**

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((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do Takeaway I

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## CHAPTER 8

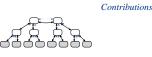
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### Overview 8.1

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### **Conclusions and Impact** 8.2 1265

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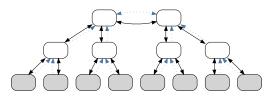


Figure 8.1: Placement of the outlook in the structure of research

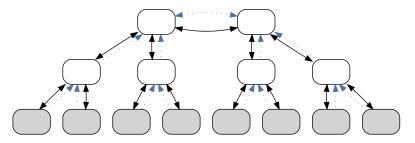


Figure 8.2: Area 1 [a1]

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Contribution 1

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Contribution 2

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 $Contribution\ 3$ 

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8.3 Outlook

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Intro

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Application Area 1

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Application Area 2

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Application Area 3

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#### APPENDIX A

## SPECIFICATIONS

## A.1 Specification 1

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Listing A.1: Specification 1

```
class HelloWorld {
   private final static String MESSAGE="Hello_World!";
   public static void main(String[] args) {
      System.out.println(MESSAGE);
   }
}
```

# A.2 Specification 2

((todo: write about Listing A.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Listing A.2: Specification 2

```
1 class HelloWorld {
```

```
private final static String MESSAGE="Hello_World!";

public static void main(String[] args) {
    System.out.println(MESSAGE);
}
```

### APPENDIX B

# TEST RESULTS

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### **B.1** Conformance Results

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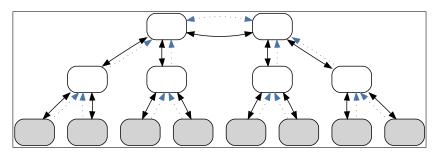


Figure B.1: Test results (page 1)

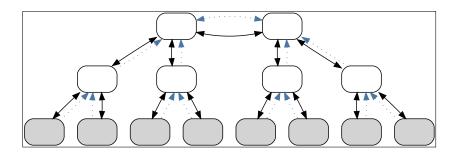


Figure B.2: Test results (page 2)

### **B.2** Performance Results

### **B.2.1** Histograms

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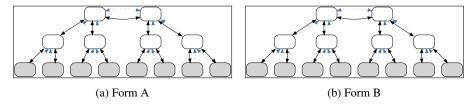


Figure B.3: Histogram of Forms

### **B.2.2** Lineplots

Overview ((todo: write about Figure B.4)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

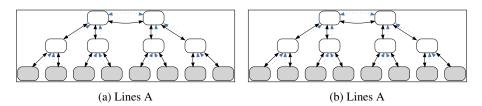


Figure B.4: Lineplot of the lines

# ACRONYMS

ABAC	Attributed Based Access Control.	2

# GLOSSARY

Foo

Bar.

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[m1] S. Auer, C. Bizer, G. Kobilarov, J. Lehmann, R. Cyganiak, and Z. Ives. "DB-pedia: A Nucleus for a Web of Open Data". In: *The Semantic Web (ISWC)*. Springer, 2007, pp. 722–735. DOI: 10.1007/978-3-540-76298-0\_52 (cit. on p. 4).

### Not referenced (will be empty)

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X Bibliography

[x1] H. Karimi and M. Hashemi. "Accessible Wayfinding Testbed: Infrastructure and Components". In: 10th EAI International Conference on Testbeds and Research Infrastructures for the Development of Networks & Communities. Vol. 15. 2. Canada: ACM, June 2015, pp. 1–8. ISBN: 978-1-63190-070-9. DOI: 10.4108/ icst.tridentcom.2015.259709.

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