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## Chapter 1

# Introduction

### 1.1 Motivation

### 1.2 D115 - a Nationwide Inquiry Service

### 1.3 Goals

### 1.4 Organization

### 1.5 Related Work

-Nach der Motivation sollte der D115 "Beauskunftungs-Anwendungsfall" kurz erklärt werden

- Anschließend soll das Ziel der Arbeit formuliert werden: Entwicklung und Evaluation eines Prototypen für den Anwendungsfall.

- Anschließend soll die Struktur der Arbeit erklärt werden.

## Chapter 2

# Detailed Use Case

### 2.1 D115

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Morbi rutrum odio eget arcu adipiscing sodales. Aenean et purus a est pulvinar pellentesque. Cras in elit neque, quis varius elit. Phasellus fringilla, nibh eu tempus venenatis, dolor elit posuere quam, quis adipiscing urna leo nec orci. Sed nec nulla auctor odio aliquet consequat. Ut nec nulla in ante ullamcorper aliquam at sed dolor. Phasellus fermentum magna in augue gravida cursus. Cras sed pretium lorem. Pellentesque eget ornare odio. Proin accumsan, massa viverra cursus pharetra, ipsum nisi lobortis velit, a malesuada dolor lorem eu neque.

- Es sollte der D115 Use case im Detail erklärt werden. -Welche Daten gibt es. -Was sind die Erwartungen - wie kann man die Güte des Systems beurteilen. - Meist sollte man in diesem Kapitel die Lösung schon im Auge haben, um die Erwartungen so zu formulieren, dass die Lösung auch geeignet ist.

## Chapter 3

# State of the Art

### 3.1 Data Structures and Algorithms

### 3.2 Frameworks

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### 3.3 possible implementation with the givens

- Ich würde erst etwas die Algorithmen und Datenstrukturen (Textanalyse, JSON, ggf. Graphen) beschreiben. - Anschließend die Frameworks vorstellen - Wichtig ist: Aus den Beschreibungen eine Schlussfolgerung ableiten, welche Art von Lösung entwickelt werden soll.

## **Chapter 4**

# **System Specifications**

### **4.1 System Structure**

#### **4.1.1 UML Diagrams**

#### **4.1.2 Design Choices**

## Chapter 5

# Evaluation

### 5.1 Performance

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#### 5.1.1 Benchmarks

### 5.2 Strengths and Weaknesses

## Appendix A

# Frequently Asked Questions

### A.1 How do I change the colors of links?

The color of links can be changed to your liking using:

```
\hypersetup{urlcolor=red}, or  
\hypersetup{citecolor=green}, or  
\hypersetup{allcolor=blue}.
```

If you want to completely hide the links, you can use:

```
\hypersetup{allcolors=.}, or even better:  
\hypersetup{hidelinks}.
```

If you want to have obvious links in the PDF but not the printed text, use:

```
\hypersetup{colorlinks=false}.
```