RUHR-UNIVERSITÄT BOCHUM

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Insert title here

Insert your name here

Master's Thesis – October 5, 2024
Chair for Network and Data Security.

Supervisor: Name of or first examiner
Advisor: Name(s) of your other advisers

hg i Lehrstuhl für
   : Netz- und Datensicherheit

1 Introduction

Always start a chapter with a short but informative text about the following sections. Point out the relevance of the sections and create interconnections between them. Never ever just write a single sentence here. Furthermore, you are strongly advised to respect the hints given in this template.

1.1 Motivation

What is your motivation to deal with this subject? Which interesting problems do you expect? Do not abbreviate "e. g." within a sentence, always write "for example". However, within in parentheses you are allowed to abbreviate and use, e. g., and, i. e., as shown here: with a comma right before and after it. In addition to that, ensure correct spacing by using \, in between.

1.2 Related Work

List related work *and* the result of this work! What is the relevance of this work concerning your thesis? If necessary, *emphasize* some words in your text, for example words like *not* or *and* are sometimes crucial for understanding.

2 Work Packages

2.1 Overview

In this section, a short description of all work packages is presented.

2.2 Detailed Description

In this section, a detailed description of each work package is introduced by answering the following questions:

- What is the problem/challenge which will be solved?
- How this problem/challenge is planned to be solved?
- How much time is planned to finalize the work package?

3 Organization of this Thesis

Please give a general overview on how your thesis is divided into sections and chapters, e.g., a table of contents.
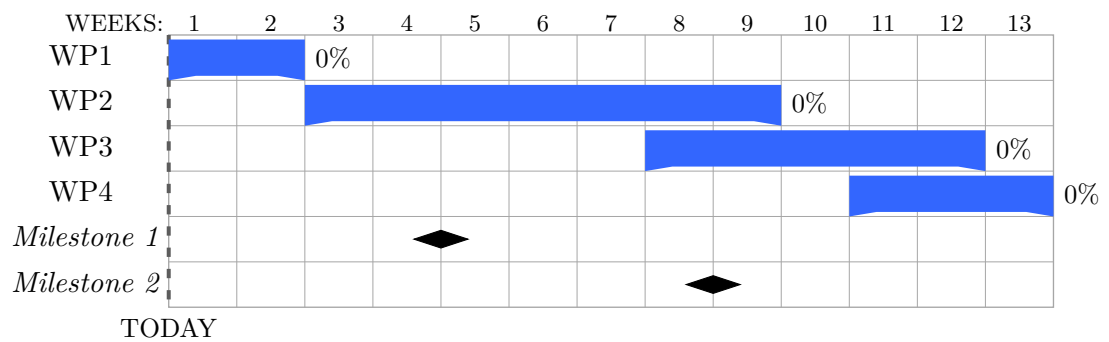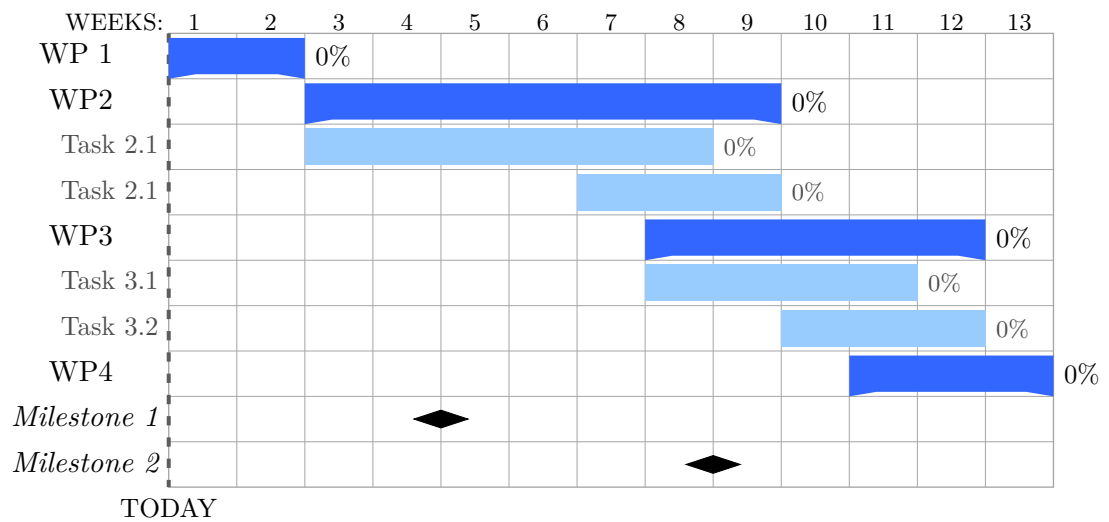
Contents

4 Timeline

In this section, a timeline depicting the starting and ending date for each workpackage needs to be specified. In addition, different milestones needs to be defined and explained.

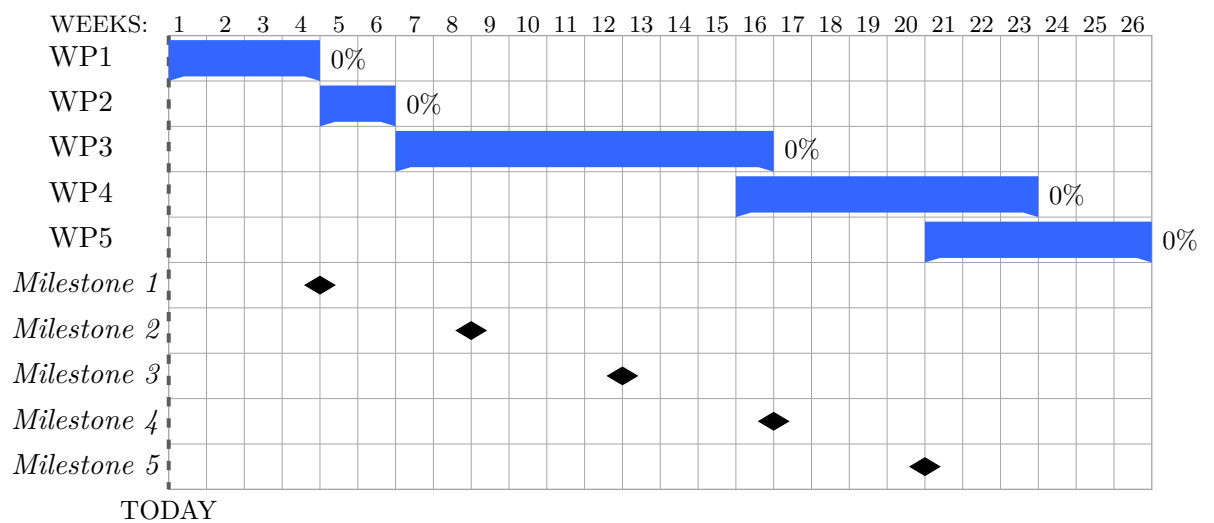## 4.1 GanttChart Bachelor Thesis
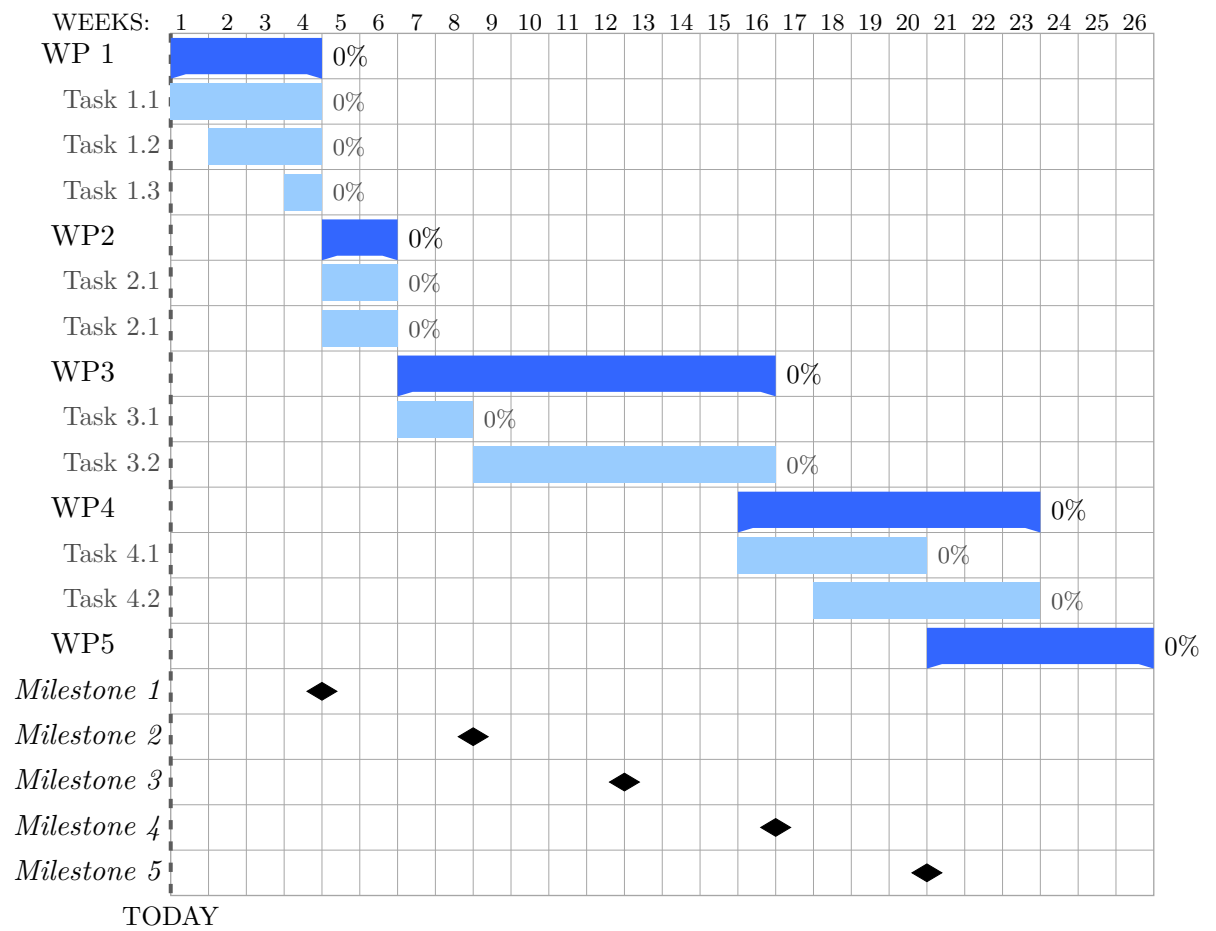
4.1.1 GanttChart Simple

4.1.2 GanttChart Detailed

4.2 GanttChart Master Thesis

4.2.1 GanttChart Simple

4.2.2 GanttChart Detailed

WEEKS:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

WP 1 — 0%
Task 1.1 — 0%
Task 1.2 — 0%
Task 1.3 — 0%
WP2 — 0%
Task 2.1 — 0%
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WP3 — 0%
Task 3.1 — 0%
Task 3.2 — 0%
WP4 — 0%
Task 4.1 — 0%
Task 4.2 — 0%
WP5 — 0%
Milestone 1
Milestone 2
Milestone 3
Milestone 4
Milestone 5

TODAY

5 List of AI-Tools

This is an example of how to declare the AI tools used, if any.

In the preparation of this thesis, several AI tools were utilized to enhance the research and writing process. I hereby declare that I have carefully checked all the suggestions generated by AI for correctness. The following tools were particularly instrumental:

ChatGPT Used for brainstorming research questions and to rephrase texts to improve readability. It was not used for crafting text bodies.

Grammarly Employed for proofreading and enhancing the overall writing quality.

DeepL Applied for translating key passages from German sources into English.

DALL-E Leveraged to create conceptual illustrations.