

BACHELOR THESIS

Extension X for Framework Y

John Doe, Jane Smith

for industry client
X GmbH

supervised by
Prof. Bob Dotcom

Fall semester 2016

Abstract

TODO introduction

TODO approach and technologies

TODO result

Thank You

TODO anyone we'd like to thank

Management Summary

Initial Situation

TODO describe initial situation, not too technical

Software Development Process

TODO describe decision to use RUP/Scrum TODO maybe describe what project management tools we'll be using

Project Phases

TODO describe this phase in retrospection

Inception

TODO describe this phase in retrospection

Elaboration

TODO describe this phase in retrospection

Construction

TODO describe this phase in retrospection

Transition

TODO describe this phase in retrospection

Results

TODO describe results

Contents

| | | |
|-----------|---------------------------------------|----------|
| I | Technical Report | 1 |
| 1 | Context | 2 |
| 1.1 | Initial Situation | 2 |
| 1.2 | Software Architecture | 2 |
| 1.3 | Goals | 2 |
| 1.4 | Problem Description | 2 |
| 1.5 | Non-Functional Requirements | 2 |
| 2 | Foo | 3 |
| 2.1 | Concept | 3 |
| 2.2 | Implementation | 3 |
| 3 | Conclusion | 4 |
| II | Appendix | 5 |
| A | Self Reflection | 6 |
| B | Project Plan | 7 |
| B.1 | Organization | 7 |
| C | Infrastructural Problems | 8 |
| C.1 | First Problem | 8 |
| C.2 | Second Problem | 8 |

List of Figures

List of Tables

Listings

Part I

Technical Report

Chapter 1

Context

TODO what's this thesis about (general scope)

1.1 Initial Situation

TODO What's the legacy state, some history about it, its original goals

1.2 Software Architecture

TODO legacy architecture

1.3 Goals

TODO mandatory goals

Optional Goals

TODO optional goals

1.4 Problem Description

TODO our tasks

1.5 Non-Functional Requirements

TODO the NFRs

Chapter 2

Foo

2.1 Concept

TODO explain concept and decisions

2.2 Implementation

TODO show certain excerpts how it was done

Chapter 3

Conclusion

TODO write conclusion, we're the best and everything is awesome

Part II

Appendix

Appendix A

Self Reflection

TODO how did we perform, completion of goals, accuracy of estimated efforts, efficiency, resourcefulness

Appendix B

Project Plan

B.1 Organization

TODO roles, how we organize ourselves and how we communicate with each other

Appendix C

Infrastructural Problems

TODO describe serious problems here, if any

C.1 First Problem

TODO describe issues with X

C.2 Second Problem

TODO describe issues with Y

TODO add any other appendix chapters here, like details about software X, usage manuals, ...