Universitatea POLITEHNICA din București

Facultatea de Automatică și Calculatoare,
Departamentul de Calculatoare

LUCRARE DE DIPLOMĂ

Un titlu de senzație

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BACHELOR THESIS

Magnificent Title

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Author:
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Bucharest, Year of Grace

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Abstract

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Contents

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Chapter 1

Introduction

This is just a demo file. It should not be used as a sample for a thesis.

TODO:
Remove this line (this is a TODO)

1.1   Project Description

1.1.1   Project Scope

This thesis presents the **MySuperProject**.

This is an example of a footnote [1]. You can see here a reference to Section 1.1.2.

Here we have defined the CS abbreviation. and the UPB abbreviation.

The main scope of this project is to qualify xLuna for use in critical systems.

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1.1.2   Project Objectives

We have now included Figure 1.1.

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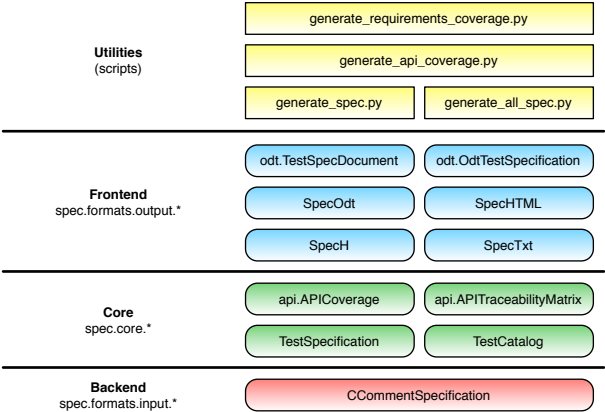
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[1] www.google.com

Figure 1.1: Reporting Framework

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We can also have citations like [?].

1.1.3 Related Work

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We are now discussing the **Ultimate answer to all knowledge**. This line is particularly important it also adds an index entry for *Ultimate answer to all knowledge.*

1.1.4 Demo listings

We can also include listings like the following:

```
1  CSRCS = app.c
2  SRC_DIR =..
3  include $(SRC_DIR)/config/application.cfg
```

Listing 1.1: Application Makefile

Listings can also be referenced. References don't have to include chapter/table/figure numbers... so we can have hyperlinks like this.

1.1.5 Tables

We can also have tables... like Table 1.1.

Table 1.1: Generated reports - associated Makefile targets and scripts

Generated report	Makefile target	Script
Full Test Specification	full_spec	generate_all_spec.py
Test Report	test_report	generate_report.py
Requirements Coverage	requirements_coverage	generate_requirements_coverage.py
API Coverage	api_coverage	generate_api_coverage.py

Appendix A

Project Build System Makefiles

A.1 Makefile.test

```
1   # Makefile containing targets specific to testing
2
3   TEST_CASE_SPEC_FILE=full_test_spec.odt
4   API_COVERAGE_FILE=api_coverage.csv
5   REQUIREMENTS_COVERAGE_FILE=requirements_coverage.csv
6   TEST_REPORT_FILE=test_report.odt
7
8
9   # Test Case Specification targets
10
11  .PHONY: full_spec
12  full_spec: $(TEST_CASE_SPEC_FILE)
13          @echo
14          @echo "Generated full Test Case Specification into \"$^\""
15          @echo "Please remove manually the generated file."
16
17  .PHONY: $(TEST_CASE_SPEC_FILE)
18  $(TEST_CASE_SPEC_FILE):
19          $(TEST_ROOT)/common/tools/generate_all_spec.py --format=odt
                  -o $@ $(TEST_ROOT)/functional-tests $(TEST_ROOT)/
                  performance-tests $(TEST_ROOT)/robustness-tests
20  #
21
22  # ...
```

Listing A.1: Testing Targets Makefile (Makefile.test)