BSPro - A First Bachelor Semester Project in BiCS-land

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Abstract

This document is a template for the scientific and technical report that is to be delivered by any BiCS student at the end of each Bachelor Semester Project (BSP). The Latex source files are available at: ***https://github.com/nicolasguelfi/lu.uni.course.bics.global***

This template is to be used using the Latex document preparation system or using any document preparation system. The whole document should be in between 6000 to 8000 words and the proportions must be preserved. The other documents to be delivered (summaries, ...) should have their format adapted from this template.

1. Introduction (± 5% total words)

This paper presents the bachelor semester project made by Motivated Student together with Motivated Tutor as his motivated tutor. It the scientific and technical dimensions of the work done. All the words written here have been newly created by the authors and if some sequence of words or any graphic information created by other is included it is explicitly mentioned the reference original to the work reused.

The length of the report should be from 6000 to 8000 words excluding images.

2. Project description (± 10% total words)

2.1. Domain

Provide a description of the domain(s) in which the project is being made.

2.2. Objectives

Provide a synthetic and abstract description of the scientific and technical deliverables that were targeted to be produced.

2.3. Constraints

Provide all the constraints that were to be considered for the project. A constraint is a property that is agreed by you and your PAT to have been satisfied before starting the project. An example could be "good level in Python programming". As a consequence the work done to satisfy the constraints cannot be presented as a deliverable of the BSP.

3. Background (± 15% total words)

Describe in this section all the knwoledge supposed to be formerly known by you (i.e. related to your constraints) and that is usefull to remind in order to understand the remaining part of your report. Do not include presentation of technologies or scientific concepts that belong to an objective of your BSP since it must be described in the section 4.

3.1. Scientific

3.2. Technical

4. BSPro - A First Bachelor Semester Project in BiCS-land

4.1. Requirements (± 15% total words)

Describe here all the properties that characterize the deliverables you produced. It should describe, for each main deliverable, what are the expected functional and non functional properties of the deliverables, who are the actors exploiting the deliverables. It is expected that you have at least one scientific deliverable (e.g. "Scientific presentation of the Python programming language", "State of the art on quality models for human computer interaction", ...) and one technical deliverable (e.g. "BSProSoft - A python/django website for IT job offers retrieval and analysis", ...).

4.2. Design (± 20% total words)

Provide the necessary and most useful explanations on how those deliverables have been produced.

4.3. Production (± 20% total words)

Provide descriptions of the deliverables concrete production. It must present part of the deliverable (e.g. source code extracts, scientific work extracts, ...) to illustrate and explain its actual production.

4.4. Assessment ($\pm$ 15% total words)

Provide any objective elements to assess that your deliverables do or do not satisfy the requirements described above.

Acknowledgment

The authors would like to thank the BiCS management and education team for the amazing work done.

5. Conclusion

The conclusion goes here.

References

[1] BiCS Bachelor Semester Project Report Template. https://github.com/nicolasguelfi/lu.uni.course.bics.global. University of Luxembourg, BiCS - Academic Bachelor in Computer Science (2017).

6. Appendix

All images and additional material go there.