

Assignment 6 – Bachelor Thesis Methodology (MAX 6 pages)

Assignment 6 is due March 23 (Monday), 2015 at 8.00am

Write the research methodology for your Bachelor Thesis topic. If you don't have a Bachelor Thesis topic yet, pick any Software Engineering topic and pick a research methodology of your choice.

Peer-review other groups' assignments, give feedback (both oral and written)

The Report

The report **must** have the following sections and content. It **must** be formatted using the IEEE Conference Proceedings format (available on the course homepage). **NOTE! You should spend most of your effort in the methodology section!**

1. Introduction

- Statement of the problem and why it is important (**if you have this part from the Industrial best practice course, re-use that here**)
- Include existing literature about the problem, 5-10 references of relevant papers
- Purpose statement (concise and clear)

2. Case company description (if applicable)

- Description of the case company

3. Methodology

- State your research question(s) (and hypothesis if applicable)
- Describe and explain the research strategy and investigation methods that will be used for the project. Motivate your choice? Use relevant references.
- Research strategy (research methodology)
- data collection procedures (e.g. interviews? survey? and sampling?)
- method for analyzing the data (grounded theory? Thematic analysis? Statistical analysis?) strategies for validating findings

4. References

- Use one referencing style in the report. Be consistent with how you use it. Recommended to use the style in the IEEE template

Acknowledgement

- Write who is responsible for what part

Peer-review and discussion

Be prepared to read and give constructive feedback to each others' work.

Maximum 1 page (given during seminars)

Criteria for judging the assignment:

- **Purpose statement** - is the central purpose of focus of the study clear?
- **Relevance** - is the stated research questions relevant? Does it address a real problem?
- **Suitable research design** - is the selected research design suitable to answer the RQ? IS the research design justified?