

Assignment 3 – Case Study (**MAX 5 pages**)

Assignment 3 is due February 23 (Monday), 2015 at 8.00am

Compose a case study based on based on a SE topic that interests you. Describe the purpose of your case study, case description, subjects and how they were selected, instrument used (should also be created), how data would be analyzed, and validity issues.

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

1. Statement of the problem
2. Existing literature of the problem
3. Why it is important to conduct research about the problem
 - For the above three items, a minimum of 5 trustworthy references (in total) must be used when describing the problem, why it is important etc.

2. Purpose of the study

- Purpose statement (concise and clear) leading into RQ(s)
 - I.e. describe the purpose of your case study

2.1 Research question

- State a clear and concise main research question that will be investigated
- State another one or two sub research questions related to the main RQ.

3. Case company description

- Description of the case company

4. Methodology

- Describe and explain the research strategy (i.e. case study) and investigation methods that will be used for the study. Motivate your choice of case study using relevant references.
- Describe data collection procedures, sampling method(s), number of subjects, etc.
- Describe subjects and how they were selected
- Create questions for your interviews (include the questions in your report)
- Describe and motive method for analyzing the data
- Discuss validity threats

5. 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 other's work.

Maximum 1 page (given during seminars)

Criteria for judging the assignment:

- **Purpose statement** - is the central purpose or focus of the study clear?
- **Relevance** - is the stated research question 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?