



ID1214 Project Proposal Introduction

Anne Håkansson

Professor in Computer Science with specialization in Intelligent software systems, KTH Royal Institute of Technology, Sweden

Professor in Computer Science with focus on AI, UiT The Arctic University of Norway, Tromsø, Norway

Project Proposal

- Project Proposal is like a project plan – a rigorous plan for the project
Describe what the project is about
- The length of this project plan (in this course) shall not be longer than 1-2 pages, which is about 400 words, excluding milestones in table format and references.
- Use 10-point Arial font.

More information -> see file: Template Project proposal for main AI project

Project plan

What Is in a Project Plan?

- The project plan answers the who, what, where, why, how and when of the project.
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- Project plan is essential to the success of any project.
- The purpose := guide the execution and control of project phases.
- Without one - project may be susceptible to common project management issues such as missed deadlines, scope creep and cost overrun.

Planning

- While writing a project plan is somewhat labor intensive *up front*, the effort will pay dividends throughout the project life cycle.
- The project plan document is divided in sections to cover the following: scope, risk assessment, schedule management, resource management, and the change management plan.
- In the AI course: project proposal – does not contain all the parts as a project plan.

Project Title

A “tentative” title describing what the project is about

Can be exchanged until last version is handed in!

Abstract

- Short description of what the project is about
- *An abstract of 100 words in 10 point Arial Italic shall be provided. The abstract is a concise summary of the research and the research results. Provide keywords (correspond to the main part of the project).*
- Introduce the subject area for the project and describe the problems that are solved and described in the thesis. Present how the problems have been solved, methods used and present results for the project.
- The presentation of the results should be the main part of the abstract. Use about $\frac{1}{2}$ A4-page.

Keywords

- Up to 5 keywords (must correspond to the content of the report)
- Good to know what the project is about

For example:

Decision-support systems, Health care, Rule-based systems

Background

- Present the background for the area with references.

Provide detailed description about background together with related work*)

*) Summarize the "state of the art" of the research area/field. State of the art= what is have been done so far?

Describe the knowledge needs and challenges that justify the initiation of the project.
- Give the context by explaining the parts that are needed to understand the project.
- When describing related work, explain what and how prior work / prior research will be applied on or used in the degree project /work (described in this thesis). Explain why and what is not used in the degree project and give valid reasons for rejecting the work/research.
- Include the texts for tasks (in this course).
- Use references [1, 2, 3] ! Where did you find the text?

Problems and Aim

- Describe the problem addressed by the project. Use references, if possible.
- State a clear and concise problem that is going to be investigated (one sentence that is concrete) – problem statement.
- Present the problem you are going to work with. Preferable use and end this section with a question as a problem statement.
- The problem to be solved: preferable state it as a question, hypothesis or statement. Do not use a question or statement that is answered with “yes” or “no”. Also, do not use a hypothesis that is not measurable. You must prove the hypothesis which is done by metrics.
- State the overall project objectives and aims in the context of the state of the art and knowledge needs.

Purpose and Goal

- Purpose is:
the purpose of the degree project. That means the purpose with the written material and sometimes the purpose with the degree project work.

describe, discuss the work in the thesis but also the outcome of a certain work.
- Goals are:
goals, objectives and/or results of the degree project. They are the expected deliverables from the degree project.

add what can the industry, organisations, companies and/or people benefit from the work

Task

- Describe the task and sub-tasks of your project.

This is the main contribution (half-term report and final report)

What is done?

Why is it done?

What is the result?

Milestone chart (time schedule)

- Illustrates the project timeline and when to complete particularly meaningful points (referred to as milestones).
- Use a diagram over the course (from week 36 – 46), including the half-term.
- Also mention the deliverable for each of these milestones.

Risks, Consequences and Ethics

- Describe the potential risks with the project work.
- Describe the consequences and ethics that can be encountered.

“Every nice solution make at least someone happy” – that is the nice consequence

“Every nice solution always make someone unhappy” – that is the bad consequence

Ethics – how will your solution affect people in society?

Summary

- Give a short summary of the project and the work .
- Describe the expected result of the project and the work.

References

[1] Authors, Title. Book, Journal, web site, others ISSN (ISBN), Year, Reference to website (url), the date (when accessing the source)