Aalto-yliopisto, Sähkötekniikan korkeakoulu

ELEC-D0301 Protopaja

2022

Template version 2018.a

Väliraportti / Loppuraportti

Project #01

Final Title of My Project

Title: Laita tähän se otsikko jonka ilmoititte projektisuunnitelmassa. Ei pelkkä yrityksen nimi.

Valitse joko väliraportti tai loppuraportti, ja poista toinen.

Add here an IMAGE of your project, some Image that illustrates your project in the best way. May be even a group photo of the team with the project outcome?

Date: xx.7.2022

Keep the names in this page, **do not** include student numbers here.

Student 1 name (Firstname Surname)

Student 2 name

Student 3 name

Student 4 name

Student 5 name

**Information page**

Students

Firstname Surname

Firstname Surname

Firstname Surname

Firstname Surname

Firstname Surname

Project manager

Firstname Surname

Sponsoring Company

X Oy

Starting date

1.6.2022

Submitted date

xx.7.2022

Tiivistelmä

Kirjoita lyhyt tiivistelmä **sekä** suomeksi että englanniksi.

Write abstract of the project, 250-300 words, what was the project about and what did you achieve.

In Finnish.

This is body text. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur vitae facilisis erat. Aliquam pulvinar rhoncus dolor, sit amet accumsan metus porttitor sit amet. Nulla consequat convallis elit ut mattis. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Nullam mattis molestie mi, faucibus dictum urna auctor a. Mauris convallis augue a urna feugiat, varius tincidunt ligula consectetur. Ut vitae malesuada nulla. Vivamus mi odio, convallis sed sem vitae, mattis lacinia quam. Donec molestie felis a justo maximus pulvinar. Curabitur eu quam sed risus euismod scelerisque scelerisque at lectus. Fusce libero ante, sodales non nisl eget, dapibus tincidunt libero. Nullam ornare dignissim purus. Nunc eget urna justo. Aliquam eu venenatis turpis, suscipit pretium risus. Duis tempus vel lectus convallis iaculis. Donec a urna non quam lobortis dictum. Etiam aliquet risus in nulla congue, vestibulum volutpat velit commodo. In quis nisl nunc. Ut lacinia odio id ipsum euismod ultricies. Nunc ullamcorper justo eget consequat molestie. Nulla quis magna in quam ultrices ornare non dignissim justo. Donec a ullamcorper risus. Quisque eget turpis diam. Sed ultrices bibendum est, quis interdum dolor fermentum eu. Nulla at sagittis lacus, et mattis nibh. Sed venenatis risus purus, ut ultrices neque scelerisque vitae. Pellentesque ornare turpis ipsum, id sollicitudin lacus eleifend id. Nullam eget accumsan orci. Sed eros risus, volutpat in placerat vitae, placerat fermentum erat. Nulla fringilla volutpat elit, et suscipit libero vulputate ut. Nunc et egestas ligula, at vestibulum lorem. Nullam ipsum erat, tempus at consequat quis, rutrum at enim. Vestibulum.

Abstract

In English

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GENERAL:

Use the Template. Technology to prepare the document is free.

The final format of this document to be submitted to MyCourses is PDF (A4 portrait).

Tämän dokumentin voi kirjoittaa suomeksi or in English. Valitse otsikoiden kieli systemaattisesti samaksi.

This template contains Word Styles, please use them. This style is "Instructions" and by Style it is red. Before submitting this document, make sure you have removed all text under this Style.

Use "Normal" style to write the body text.

Especially, keep the first two pages "as is", these are formal pages that must look the same.

The nature of final report is technical report, including details of technical design.

The appropriate length of the final report depends on the number of Figures etc. Typical length of Final report is 30 to 50 pages.

# Introduction / Johdanto

Like in any report or thesis, describe the background of the project, in which context the project was done or in general what is the "big picture".

# Objective / Tavoite

Describe shortly what was the objective of your project, probably already defined in the Project plan.

# Results A

Use appropriate number of Chapters here to present results. Preferably many.

Results Chapter should have technical sound, describing detailed information.

Use Figures, Tables, Equations etc. as necessary.

Use Heading styles from level 1 to 2. If necessary, you may consider also 3rd level, but is not recommended.



Figure . Sample picture representing koala.

In Figures, use "Figure" style for the actual Figure and "Figure Caption" for the text below. Use "Insert Caption" button to add automatic numbering of Figures and use "Cross-references" to cite automatically in text. E.g., see Figure 1, a cute koala.

# Results B

## Subchapter X

### Subsubchapter

Text

## Subchapter Y

# Results C

…

# Reflection of the Project / Projektitoiminta

Tämä kappale tulee vasta loppuraporttiin, väliraportissa jätä tyhjäksi

In this Chapter, you should summarize how the Project was done compared to the Project plan and compared to the knowledge/skills you had at that phase.

## Reaching objective / Tavoitteet saavuttaminen

Discuss here did you complete the Project? Did you complete the Expected output, defined in your Project plan?

If you had to adjust objectives, what were the reasons for that? Internal, external?

## Timetable / Aikataulu

How well the timeline and schedule defined in the Project plan was realized? Workload overestimated/underestimated, in which areas?

## Risk analysis / Riskianalyysi

In the Project plan you listed foreseen Risks. Discuss e.g. were all crucial risks listed, some new risks appeared during the project? Were any risks realized? If so, how did you manage those?

## Your own subchapters / Oma otsikko 1

Feel free to extend this chapter titles to cover more aspects if you like

# Discussion and Conclusions / Yhteenveto ja johtopäätökset

In previous Chapter you reflected your work against Project plan.

In this Chapter, discuss in general what did you learn during the project, besides the items mentioned above.

What kind of Conclusions you can do about your work?

List of Appendixes / Liitteet

List here Appendixes you attach to PDF (or as separate documents).

You may consider putting these as Appendixes

* Project plan (as is)
* User manual of your technics
* Large drawings
* …

References / Lähteet

Surname, F. 2010. Developing gadget systems. Transactions of Gadgets Vol. 53(1), pp. 34−45.

Surname, F., Sukunimi, E. & Teekkari, T. 2010. Developing gadget systems. Transactions of Gadgets Vol. 53(1), pp. 34−45.