Aalto University
School of Science
Degree Programme in Computer Science and Engineering

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Software Processes for Dummies:

Master's Thesis
Espoo, June 14, 2015

DRAFT! — August 10, 2015 — DRAFT!

Supervisor: Professor Marjo Kauppinen, Aalto University
Advisor: Sami Vihavainen D.Sc. (Tech.)

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ABSTRACT OF
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A dissertation or thesis is a document submitted in support of candidature for a degree or professional qualification presenting the author's research and findings. In some countries/universities, the word thesis or a cognate is used as part of a bachelor's or master's course, while dissertation is normally applied to a doctorate, whilst, in others, the reverse is true.

!Fixme **Abstract text goes here (and this is an example how to use fixme).** Fixme! Fixme is a command that helps you identify parts of your thesis that still require some work. When compiled in the custom `mydraft` mode, text parts tagged with fixmes are shown in bold and with fixme tags around them. When compiled in normal mode, the fixme-tagged text is shown normally (without special formatting). The draft mode also causes the "Draft" text to appear on the front page, alongside with the document compilation date. The custom `mydraft` mode is selected by the `mydraft` option given for the package `aalto-thesis`, near the top of the `thesis-example.tex` file.

The thesis example file (`thesis-example.tex`), all the chapter content files (`1introduction.tex` and so on), and the Aalto style file (`aalto-thesis.sty`) are commented with explanations on how the Aalto thesis works. The files also contain some examples on how to customize various details of the thesis layout, and of course the example text works as an example in itself. Please read the comments and the example text; that should get you well on your way!

Keywords:	ocean, sea, marine, ocean mammal, marine mammal, whales, cetaceans, dolphins, porpoises
Language:	English

Aalto-yliopisto
Perustieteiden korkeakoulu
Tietotekniikan koulutusohjelma

Aalto-yliopisto
Perustieteiden
korkeakoulu

DIPLOMITYÖN
TIIVISTELMÄ

Tekijä:	Oskar Ehnström			
Työn nimi:				
Ohjelmistoprosessit mänteille:				
Päiväys:	14. kesäkuuta 2015		**Sivumäärä:**	16
Pääaine:	Ohjelmistotuotanto ja liiketoiminta	ja -	**Koodi:**	T-76
Valvoja:	Professori Marjo Kauppinen			
Ohjaaja:	Tohtori Sami Vihavainen			

Kivi on materiaali, joka muodostuu mineraaleista ja luokitellaan mineraali-sisältönsä mukaan. Kivet luokitellaan yleensä ne muodostaneiden prosessien mukaan magmakiviin, sedimenttikiviin ja metamorfisiin kiviin. Magmakivet ovat muodostuneet kiteytyneestä magmasta, sedimenttikivet vanhempien kivilajien rapautuessa ja muodostaessa iskostuneita yhdisteitä, metamorfiset kivet taas kun magma- ja sedimenttikivet joutuvat syvällä maan kuoressa lämpötilan ja kovan paineen alaiseksi.

Kivi on epäorgaaninen eli elottoman luonnon aine, mikä tarkoittaa ettei se sisällä hiiltä tai muita elollisen orgaanisen luonnon aineita. Niinpä kivestä tehdyt esineet säilyvät maaperässä tuhansien vuosien ajan mätänemättä. Kun orgaaninen materiaali jättää jälkensä kiveen, tulos tunnetaan nimellä fossiili.

Suomen peruskallio on suurimmaksi osaksi graniittia, gneissiä ja Kaakkois-Suomessa rapakiveä.

Kiveä käytetään teollisuudessa moniin eri tarkoituksiin, kuten keittiötasoihin. Kivi on materiaalina kalliimpaa mutta kestävämpää kuin esimerkiksi puu.

Asiasanat:	AEL, aineistot, aitta, akustiikka, Alankomaat, aluerakentaminen, Anttolanhovi, Arcada, ArchiCad, arkki
Kieli:	Englanti

Utfört av:	Oskar Ehnström			
Arbetets namn:				
Den stora stygga vargen:				
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Handledare:	Doktor Sami Vihavainen			

Lilla Vargens universum är det tredje fiktiva universumet inom huvudfåran av de tecknade disneyserierna - de övriga två är Kalle Ankas och Musse Piggs universum. Figurerna runt Lilla Vargen kommer huvudsakligen från tre källor — dels persongalleriet i kortfilmen Tre små grisar från 1933 och dess uppföljare, dels långfilmen Sången om Södern från 1946, och dels från episoden "Bongo" i långfilmen Pank och fågelfri från 1947. Framför allt de två första har sedermera även kommit att leva vidare, utvidgas och införlivas i varandra genom tecknade serier, främst sådana producerade av Western Publishing för amerikanska Disneytidningar under åren 1945–1984.

Världen runt Lilla Vargen är, i jämförelse med den runt Kalle Anka eller Musse Pigg, inte helt enhetlig, vilket bland annat märks i Bror Björns skiftande personlighet. Den har även varit betydligt mer öppen för influenser från andra Disneyvärldar, inte minst de tecknade långfilmerna. Ytterligare en skillnad är att varelserna i vargserierna förefaller stå närmare sina förebilder inom den verkliga djurvärlden. Att vargen Zeke vill äta upp grisen Bror Duktig är till exempel ett ständigt återkommande tema, men om katten Svarte Petter skulle få för sig att äta upp musen Musse Pigg skulle detta antagligen höja ett och annat ögonbryn bland läsarna.

Nyckelord:	omsättning, kassaflöde, värdepappersmarknadslagen, yrkesutövare, intresseföretag, verifieringskedja
Språk:	Engelska

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I wish to thank all students who use LaTeX for formatting their theses, because theses formatted with LaTeX are just so nice.

Thank you, and keep up the good work!

Espoo, June 14, 2015

Oskar Ehnström

Abbreviations and Acronyms

2k/4k/8k mode	COFDM operation modes
3GPP	3rd Generation Partnership Project
ESP	Encapsulating Security Payload; An IPsec security protocol
FLUTE	The File Delivery over Unidirectional Transport protocol
e.g.	for example (do not list here this kind of common acronymbs or abbreviations, but only those that are essential for understanding the content of your thesis.
note	Note also, that this list is not compulsory, and should be omitted if you have only few abbreviations

Contents

Chapter 1

Introduction

1.1 Background

Futurice is a software consult agency developing digital solutions for their clients. Their methodology has alwasy been agile and has long focused on the overall experience of the end-users. They aim to take their customers through the whole lifecycle of a product, from ideation to lifecycle management. The process Futurice uses for this holistic approach is called Lean Service Creation (LSC). An integral part of LSC is workshops held with customers.

When workshops are held they are about some topic. This can be purely fictional or based on actual business goals or needs. Using fictional topics may lead to more creative thinking as participants are not locked in by previous knowledge about what can and can not be done, which may be the case when the workshop is held about somethign closely related to the participants' own area of expertice.

1.2 Research problem and question

How do you conduct productive service creation workshops?

How could you utilize device to inspire ideation during workshops?

1.3 Scope

1.4 Structure of the Thesis

Chapter 2

Research methods

2.1 Litterature review

2.2 Empirical study

Chapter 3

Litterature review

Research question and help questions should define this

Chapter 4

Empirical study

Chapter 5

Discussion

At this point, you will have some insightful thoughts on your implementation and you may have ideas on what could be done in the future. This chapter is a good place to discuss your thesis as a whole and to show your professor that you have really understood some non-trivial aspects of the methods you used. . .

Chapter 6

Conclusions

Time to wrap it up! Write down the most important findings from your work. Like the introduction, this chapter is not very long. Two to four pages might be a good limit.

Bibliography

Appendix A

First appendix

This is the first appendix. You could put some test images or verbose data in an appendix, if there is too much data to fit in the actual text nicely.

For now, the Aalto logo variants are shown in Figure A.1.

(a) In English

(b) Suomeksi

(c) På svenska

Figure A.1: Aalto logo variants