



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Optimizing business intelligence extraction speed from an ERP-system's database

Project plan

Master Thesis in Computer Science

Preliminary dates: 20/1/2015 — 9/6/2015

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Introduction

This documents purpose is to create a general project plan for the Master thesis's different parts. In this document the thesis's parts/tasks will be states as well as the approximate time for completion of the tasks. To ensure that the work doesn't differentiate to much from the project plan, milestones and follow ups are created and work as guidelines.

Goal

PerfectIt BeX AB wants the process behind generating these reports analysed and optimised to improve the speed of the generation and lessen the demands it puts on the system.

Overall objectives and issues/research questions

The current processes behind generation of the BI-reports must be identified and mapped. This mapping will be analysed for bottle-necks and inefficiencies. Research will be performed to learn of approaches to solve the problems identified in the analysis. The research will consider as many options as possible to find a long-term solution. These approaches will be analysed to decide which of them are a best fit and should be used to reach the goal. This will then be implemented in BeX Online and a final analysis should be performed to determine if the goal was met. It is important that the new solution does not affect the front-end interface of the system.

Stakeholders

Stakeholder	Name	Mail
Thesis students	Max Åberg & Alexander Söderberg	see frontpage
University supervisor	Alma Orucevic Alagic	alma@cs.lth.se
Workplace supervisor	Lennart Söderberg	lennart@perfectit.se
Technical supervisor	Niklas Lindgren	niklas@perfectit.se
Examiner	Per Andersson	per.andersson@cs.lth.se

Table 1: Thesis stakeholders

Role description

The university supervisor will aid in guiding and maintaining the thesis's focus and goals. The workplace supervisor controls and aids with administrative issues. The technical supervisor aids in all technical support and issues. The examiner reviews the final draft of the thesis.

Result list

- something

Activity breakdown

Activities	Time	Dependent on
1 Literature search	7 days	...
2 literature summary	12 days	1

Table 2: Example of activities

Time schedule

Follow up