# Grading criteria/check-list for DT6009 projects

The criteria below serve as support for the supervisor’s evaluation/grading of the work. Each supervisor is required to grade their students’ work for each subcategory (1 through 6 below). The suggested grades are mailed to the examiner.

# Overview & Information Retrieval

**Grade 3**

* The student compiled a satisfactory background material.
* The student knows which references are important and which are less important for the project.
* The student understood the problem and was able to (independently) formulate subproblems.
* The student could relate the project to the background material (e.g. similar systems elsewhere).

**Grade 4**

* The student could relate the references (background material) to each other and combine information from them and come to conclusions.
* The student was able to use the references (background material) to sharpen the project plan, i.e. decide to omit some studies and/or concentrate on some subproblem.

**Grade 5**

* The student was able to criticize and find weak and strong parts in the background material as well as the own work.

# Initiative & Creativity

**Grade 3**

* The student has solved minor problems underway, without supervision.
* The student has taken an active part during the supervision, but the supervisor has controlled the progress to a large extent.

**Grade 4**

* The student did, with some supervision, solve harder problems.
* The student did, without supervision, solve problems of medium difficulty.
* The student has shown initiative and has taken decisions that influenced the project significantly.

**Grade 5**

* The student did, without supervision, solve hard problems and come up with feasible solutions.
* The student could evaluate whether a solution was feasible or not.
* The student did actively use the supervisor (i.e. was in control of the project to such a degree that the supervisor was used for reference rather than for coming up with solutions).
* The student came up with an own original idea which is a substantial part of the project.

# Planning & Organization

**Grade 3**

* The student has produced a reasonable project plan with similar time plan.
* The student would not have been able to get the work done in time without significant pushing from the supervisor.

**Grade 4**

* The student has shown flexibility in changing the project plan or time plan when necessary.
* The student was able to stick to the time plan (i.e. had foresight enough to keep busy so that things didn’t pile up too much towards the deadline).
* The student needed some supervision with the planning.

**Grade 5**

* The student needed no or very little supervision for keeping to the time plan and getting the work done in time.

# Effort & Ambition

**Grade 3**

* The student put in the minimum time needed to get the work done.

**Grade 4**

* The student put in an extra effort when necessary.

**Grade 5**

* The student put in work well beyond the minimum requirement. This entails things like - extensive simulations to prove a point; - following up (in theory or in simulation) on “loose ends” which tend to appear towards the conclusion of the work; - improving the system/product/code; - polishing the report (making good figures/graphs etc.).

# Results

**Grade 3**

* The result is acceptable, but the supervisor can point at several things that, with a reasonable effort, would have improved it.
* The student has been able to identify and formulate significant strong and weak points in the result.

**Grade 4**

* The result is good (i.e. matches well to the anticipated results in the, possibly revised, project plan) and the supervisor can point at only a few things that could have been done better or that are missing.
* The student could, with minor supervision, draw conclusions on how the result could have been improved.
* The student could, with minor supervision, formulate some future directions for the project.

**Grade 5**

* The result is excellent; the supervisor can (at most) point at only very few minor improvements which could have been done.
* The result is publishable in a “branschtidning”, or at a conference.
* The result is deemed “patentable”.
* (If applicable) The company where the work was done have expressed great satisfaction with the work.
* The student has been able to, without supervision, evaluate the result in relation to other work done in the field.

# Final Report

**Grade 3**

* The report is complete (i.e. with “introduction” ,“background”, “method”, “results”, “conclusion”, “summary” etc.).
* All references, figures & tables are referred to in the text.

**Grade 4**

* The report is, with significant supervision, well written. ”Well written” means that: The language is correct and the text flows smoothly. Figures are relevant and add value to the text (similarly with tables). The result and conclusion are clearly stated.)

**Grade 5**

* The report is, with minor supervision, very well written.