

Lab 1: Process Modelling

Exercise 1

Design the process model using BPMN notation with Camunda

In November of each year, the Coordination Unit at the Town Planning Authority drafts a schedule of meetings for the next calendar year and adds draft dates to all calendars.

The Support Officer then checks the dates, and suggests modifications. The Coordination Unit then rechecks all dates, and looks for potential conflicts. The final schedule of meeting dates is sent to all the independent Committee Members by email, who then check their diaries and advise the Coordination Unit of any conflicts.

The Coordination Unit updates the schedules until no conflicts are present.

Exercise 2

Design the process model using BPMN notation with Camunda

A student willing to work on his thesis firstly chooses and contacts an advisor, which will propose him a topic to work on. The student then compiles a thesis request module, which has to be signed by the professor, and then sent to the Administrative office of the University. The thesis is confirmed only if the student has earned a sufficient amount of credits. The administrative office checks the career of the student, and accepts the thesis, registering it in the student careers' database, if less than 40 credits are still to be earned. Otherwise, the thesis is rejected. In both cases, the student is notified. Upon reception of the notification, if the thesis is rejected the student must earn other credits before sending again the module to the administrative office. If the thesis is accepted the student can start working on it.

30 days before the chosen graduation session, the student has to prepare an "admission to final exam request" module, which also has to be signed by the advisor and sent to the administrative office. The administrative office checks whether the student has completed his career and notifies him about his admission. If the student is not admitted, he must earn the remaining credits before sending again the module to administrative office. Otherwise, he can finally discuss his thesis.