General guidelines for the project in 02285, F09

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This document contains the general guidelines for completing and handing in your project in course 02285. The guidelines are common for all projects, no matter which specific subject you have chosen to work on.

Groups

The projects are to be completed in groups of 2–3 students. These groups have already been formed. Each group should choose a person to be responsible for uploading the project to CampusNet before the deadline.

Unless otherwise stated we will assume that all group members have an equal share in completing the project. If this is not the case, please state in the report who did what.

Submission of project

The completed project should be submitted electronically via CampusNet. Go to the CampusNet page of the course and follow the link 'Mandatory programming project'. This leads you to the submission page where you can upload your project.

Deadline for submission

The deadline for submitting your project is Wednesday 20 May at 12.00 (noon). This is a very strict deadline, after which no submissions will be accepted. Thus please make sure to upload your submission well before the deadline.

Files to be submitted

Your submission should contain the following three parts:

1. A **pdf file** containing the report. Please put the following information on the front page of your report:
    - Course number (02285), course name (AI and MAS) and name of chosen project (Automated Planning, Evolutionary Algorithms, Multi-Agent Systems or Reinforcement Learning).
    - Study number and full names of all group members.

2. A **pdf file** containing a manual for installing and running your software.

3. Source code and executable code of your implemented software.

All these files should be archived in a single `.zip` file to be uploaded to CampusNet (no `.rar`, `.tar`, `.gz` or other formats, please!). Please name your `.zip` file after choice of project, that is, one of the following:

```
automated_planning.zip
evolutionary_algorithms.zip
multiagent_systems.zip
reinforcement_learning.zip
```

Manual

The manual should describe how to install and run your implemented software. This part should be short, at most two pages.

Report

The report should address the topics and questions mentioned in the project description. The report should be at most 20 pages, preferably not more than 15 (depending on the font size, density, number of figures, etc.). The report should be prepared in the style of a conference article. This means that the focus should be on analysis of the problem, the description of the solution, and the presentation and explanation of the results. The report should end with a short conclusion and/or an outlook regarding future work. A detailed description of the software is only needed if this was the main topic of the project. Each project might require certain project specific issues to be addressed as defined by the teacher offering the project.

An appendix can be added to the report if needed, e.g. containing (selected parts of) the source code, but the report should be readable independently of the appendix.

The intended reader of your report is expected to be familiar with the general theory underlying your chosen project. If you expect the reader to be familiar with additional specific work in the area, please make the necessary references. Also make sure to make references to any specific work that you might have used in completing your project (books, articles, implementations, online resources, etc.).

Oral project presentation

In connection with the oral examination each group is expected to give a 20 minutes presentation of the project, including a demonstration of the implemented software. Video projector and black board will be available at the examination. Please bring your own laptop for presenting the slides and the software.