

Project Guidelines

What (should be included in the project)?

- **One project proposal:** a document (of a few pages), including at least the answers to the following questions

What are you going to do?

Why do you choose this particular project?

Who are the team members?

Where are you going to obtain the necessary external resources?

When are you going to finish each milestone (you working plan)?

How are you going to do it?

- **One project code package:** the code and preferably the executables
- **One project report:** a *substantial* extension of the proposal, including at least the answers to the following questions:

What have you done?

Why do you think it is significant?

Where have you got the necessary external resources?

Who are the team members?

How did every individual member contribute to the project?

What difficulties have you encountered and how did you solve them?

What have you learned through this project and which of these learned things are related to what we have taught in the classroom and which are not?

When (should you finish the project)?

- The project proposal is due on the Friday *before* the midterm exam week.
- The Project proposal will be presented to the whole class during the lecture time in the midterm exam week.
- The Project code package and report are due on the Friday of the final exam week.

Who (are the group members)?

- Groups of 3~4 students, teaming up among yourselves. If you can't find enough teammates, talk to me.

How (do we assess your project)?

- The project proposal and an oral presentation: 10%
- The project code package: 20%
- The project report: 10%
- Each student will be graded based on the overall grade of the project and his/her contribution to it.
- Generally speaking, the assessment scheme is as follows:
 - 0% ~ 20% if you have submitted something;
 - 20% ~ 40% if the document is readable and the code can be compiled;
 - 40% ~ 60% if the document includes the essential information as described in this guideline and the program is executable;
 - 60% ~ 80% if the document is complete and the program runs without big problems and achieves its purpose described by the proposal;
 - 80% ~ 100% if the document is detailed and insightful and the program is creative and interesting, in addition to the level described in the above category.