

CSC3002 Course Project Guidelines

2019-2020 Term 2

Who?

- Team up among yourselves to form groups of 4 to 6 students as soon as possible.
 - If you cannot find a team or your team does not have enough members, talk to me.
- To avoid confusion, each team picks a single person as the representative (not necessarily the team leader), to send me the team information. This person will also submit project materials, make appointments with me, etc., on behalf of the team in the whole semester.
 - If multiple copies of materials (proposals, reports, code, etc.) are submitted from the same team, points will be deducted from your project score.

What?

- Pick a topic from the two options and decide what components you want to implement (see more details in the accompanying documents), and submit the following materials at the specified times.
- **One project proposal:** a document (of a few pages), including at least the following parts, which should answer the corresponding questions:
 - **Introduction:** which topic have you chosen and what particular components in that topic are you going to implement?
 - **Related work:** where do you get your ideas from and where are you going to obtain more resources?
 - **Our work:** what are you going to implement (in more detail), how are you going to do it, and what are the highlights that make your project the best?
 - **Schedule:** what are the project milestones and when are you going to finish each milestone?
 - **Team:** who are the team members and how are you going to distribute all the work?

- **One project report:** a *substantial extension* of the proposal, including at least the following parts, which should answer the corresponding questions:
 - **Introduction:** what have you chosen to do, and why? In particular, is there any change from the proposal, and if yes, why?
 - **Related work:** where do you get your ideas from, and where have you obtained the necessary external resources?
 - **Our work:** what have you done and how did you do it? Why do you think your work is the best (and deserve a higher grade)?
 - **Contributions:** what is the work done by each member and how do you evaluate the contribution of each member?
 - **Reflections:** what difficulties have you encountered, and how did you overcome them? What have you learned through this project and which of these were learned in the classroom and which outside by yourself? (can be written separately by each member)
- **One project code package:** the source code and *preferably* the executables.
 - You can make an appointment with me to show me the project in person if no standalone executables can be delivered.

When?

- The project proposal is due at 23:59, March 20th, Friday (the midterm exam week).
- The project report and code package are both due at 23:59:59, May 15th, Friday (the final exam week).
- Before the above final deadline, you can make an appointment to show me in person your project on your computer, if no standalone executables can be delivered.

How?

- The project proposal: 10%
- The project report: 10%
- The project code package: 20%

- The grade of each student will be based on the overall grade of the project and adjusted according to 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.

Academic Honesty

Everyone will sign an academic honesty declaration form, and might be asked to explain to the TA or the instructor the details of his/her work, e.g., a randomly chosen code block from his/her own assignments or project, sometime during the semester.