CSC3002 Course Project Guidelines
2024-2025 Term 2

Who? – Team formation

- ~~Form groups of 5 to 6 students voluntarily as soon as possible.~~
- ~~If you are unable to find a team or your team lacks sufficient members, a team will be formed for you.~~
- ~~Each team will be assigned a supervising TA and a USTF to assist them throughout the semester.~~
- Each team should designate a representative to communicate team information, submit project materials, and schedule appointments with the supervising TA and me throughout the semester.
- While anyone is welcome to contact me directly with their concerns, submitting multiple copies of materials (proposals, reports, code, etc.) from the same team will result in a deduction of points from your project score.

What? – Project contents

Select a topic by yourselves and develop the program collaboratively, and submit the following materials by the deadlines specified below:

- **Project proposal**: a document (a few pages) including the following sections to answer the corresponding questions:
    - **Introduction**: What topic have you chosen and why?
    - **Related work**: Where do your ideas originate from and where will you obtain additional resources?
    - **Our work**: What will you implement in detail, e.g., the overall architecture and individual components in your program, and what are the highlights that make your project stand out?
    - **Schedule**: What are the project milestones and their respective completion dates?
    - **Team**: Who are the team members and how will all the work be distributed among them?

- **Project report**: a *substantial extension* of the proposal (approximately 10 pages), including the following sections to 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 your ideas originate from and where did you obtain additional resources? Again, note any changes from the proposal and explain the reasons.
    - **Our work**: What have you accomplished and how did you do it? Why do you believe your work stands out and deserves a high grade?
    - **Contributions**: What work was done by each member and how do you evaluate each member's contribution (in terms of percentage)?
    - **Reflections**: What difficulties did you encounter and how did you overcome them? What have you learned through this project, distinguishing between classroom learning and self-directed learning? (This section should be written as a team and then separately by each member)

- **Project code package**: the source code and, if possible, the executables.
    - If standalone executables cannot be delivered, schedule an appointment with the supervising TA before the deadline to demonstrate the project in person.

When? – Deadlines

- **Project proposal (DL1)**: Due by 23:59:59, October 13th, Sunday (Week 6).
- **Project code package (DL2)**: Due by 23:59:59, December 8th, Sunday (Week 14).
- **Project report (DL3)**: Due by 23:59:59, December 15th, Sunday (Week 15).
- During week 15, i.e., between DL2 and DL 3, you can schedule an appointment to demonstrate your project on your computer to your supervising TA in person, if standalone executables cannot be delivered. Feedback will be given for you to improve your report.

How? – Grading criteria

- **Project proposal**: 10%
- **Project report**: 10%
- **Project code package**: 30%
- **Assessment scheme**: For any part of the above three components, the assessment will be as follows:
    - **01% ~ 20%**: Submission of some material;
    - **21% ~ 40%**: Readable documents (with missing information) and compilable code;
    - **41% ~ 60%**: Informative documents (with essential information) and executable programs;
    - **61% ~ 80%**: Complete documents (with detailed information) and functional programs matching the proposal;
    - **81% ~ 100%**: Insightful documents and creative, interesting programs, in addition to meeting the above criteria.
- Each student's grade will be based on the overall project grade, adjusted according to their individual contribution.

Academic Honesty

Students may be asked to explain their work to the supervising TA or the instructor at any time during the semester. This may include, for instance, explaining a randomly selected code segment from their project. Failure to adequately explain one's own code, which may be indicative of plagiarism, could result in an immediate grade of "F".