Dear MTRN4110 students,

Before submitting your Assignment Phase B solution, please double-check whether you have considered the following items. As the requirements specified in the task description will be strictly executed, you are highly recommended to tick all the checkboxes before and after your submission.

Best,

Leo

Checklist for Assignment Phase B Submission:

- ☐ Have you checked whether you were using Webots R2021b for the development?
- ☐ For macOS users, have you configured your Makefile to use C++14?
- ☐ Have you indicated the platform (Windows/macOS/Linux) you used for the development in the Header Comment?
- ☐ If you used hard-coding to read the map, have you indicated it in the Header Comment?
- ☐ Have you ensured your code will generate an "Output.txt" file, which should be identical to what you print to the console?
- ☐ Have you ensured your code will generate a "PathPlan.txt" file?
- ☐ Have you compared the generated "Output.txt" and "PathPlan.txt" with the expected files and ensured they were exactly in the same format (tools like https://www.mytecbits.com/microsoft/dot-net/compare-contents-of-two-files-in-vs-code can be used)?
- ☐ Have you used the "**Automarker.py**" to check that your "Output.txt" is correct in format?
- ☐ Have you explicitly defined a variable for the relative path of the "Map.txt" file?
- ☐ Have you explicitly defined a variable for the relative path of the "Output.txt" file?
- ☐ Have you explicitly defined a variable for the relative path of the "PathPlan.txt" file?
- ☐ Have you designed different tests to test the robustness of your code and ensured the correctness of your test cases?
- ☐ Have you explicitly cited the sources of code where applicable?
- ☐ Have you followed the required folder structure specified in the task description in your submission? Your submitted zip file should be like the following (you can have additional hpp/cpp files):
  z*******_PhaseB_controllers.zip
  |--controllers
  | |--z*******_MTRN4110_PhaseB
  | | |--build
  | | |--Makefile
  | | |--z*******_MTRN4110_PhaseB.cpp
  | | |--z*******_MTRN4110_PhaseB.exe

- ☐ Have you considered that the number of shortest paths can be very large?
- ☐ Have you considered that the length of the path can be very long?
- ☐ After submitting your work, have you downloaded your submission and confirmed it was the correct version and not corrupted?