**Introduction to Robotics CSc 4120**

**Fall 2021**

Module #: 3

Kit # :22

Student 1: An Nguyen

Student 2:

Note 1: Only one document needs to be prepared per team. So, both team members, please upload the same document, as a PDF file, in Google Classroom towards your Assignment Submission.

Note 2: Do not try to edit this Google Doc document. Please download this file and either edit in Microsoft Word or Google Doc. Once completed convert it to PDF (click File and save it as PDF) and upload the same.

Note 3: DO NOT UPLOAD MULTIPLE VERSIONS.

Answer the following questions briefly (1-2 paragraphs max where each paragraph is about 5-6 lines max). Keep your answers short and upto the point.

1. What was the goal for this module? To have the robot control its own path, able to dodge obstacles as well. To record and take a video of the process.
2. What work did you conduct as a part of this module? Adjust the code that was already provided. Figure out the main parts of the code in order to place the command to record the video.
3. How was the work divided between student 1 and 2 (only for Teams)?
   1. Student 1 worked through all the exercises in the module as well as complete the three questions and write the report up.
4. Student 1: What did you learn from this module? I learned a lot from reading the code. I learned how many different aspects of the exercises that we completed combine together. To utilize multiple sensors in once piece of code such as the distance and the direction. I didn’t realize the code edited the csv file so I also learned how to update that information as well.
5. Student 2: What did you learn from this module?
6. Answer Yes/No -- Did you upload your materials supporting this module? The materials must be a video (phone capture OK but must be fairly steady) of demonstrating the outcome on your robot.
   1. Yes