

CA 2 – Assignment, EE6221, 2021.3

Review the state of the art of one type of robots or autonomous systems, e.g.,

- Robot manipulators
- Mobile ground robots
- Logistics robots
- Manufacturing robots
- Autonomous cars
- Healthcare robots
- Humanoid robots
- Unmanned aerial vehicles (UAVs)
- Underwater robots
- Cleaning robots
- ...

Specifically,

- Review and compare the exiting research and development works, demos, products and projects, and find out the best solutions from your view;
- Describe the best solutions and explain in detail why you select them to be the best;
- Discuss the challenges to improve this type of robots;
- Discuss what you learned from this review;
- Comment on whether this review increases your interest to study further in robotics or pursue a future career in robotics.

(100 marks)

Submission (email to: gghu@ntu.edu.sg):

1. Please submit softcopy of your work in **PDF** via email by **11 April 2021, Sunday**.
2. Please send via your **official NTU email address**, and use the following title format for your submission email: **6221CA2 - Your Name and Matriculation number**
3. Copying from others' work and articles (including online articles in a different language) are strictly not allowed.