

CA 2 - Assignment, EE6221, 2020.3

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

1. Robot manipulators
2. Underwater robots
3. Mobile ground robots
4. Autonomous cars
5. Healthcare robots
6. Logistics robots
7. Humanoid robots
8. Unmanned aerial vehicles (UAVs)
9. Cleaning robots
- 10....

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 (e.g., scanned copy, pdf) via email by 3 May 2020, Sunday (Week 15).
2. Please send via your official NTU email address, and use the following title format for your submission email: **EE6221 Assignment – Name, Matriculation number**