

CSE 571 - Robotics

Project 0.5 - Robot Assembly

Due Monday, April 19th @ 11:59pm

This project is about assembling your robot, flashing SD card with duckie shell, and verifying that your robot working. By following instructions from the slide (<http://bit.ly/cse571-proj05>), you should be able to control your robot from your laptop or computer. We will conduct a lab session to troubleshoot issues during the assembly. However, we request you to go through the slides carefully and follow the instructions in the duckietown links before attending these session. If you teamed up for this project, please assemble all the robots and submit your report individually. We want to make sure that everyone's robot is set up and working.

1 Images of the assembled robot [25 points]

Please attach photos (up to 3) of your assembled robot to the report. The robot with successful assembly has its screen turned on, a fan spinning, LED lights with white color.

2 Video of tele-operation [25 points]

Take a video of doing tele-operation (keyboard or (virtual) joystick control), upload the video to a public platform (e.g. Youtube), and post the link to the video in the report. Make this video *unlisted*, that is anyone with the link can view the video but it is not publicly available.

3 Submission

You will be using Gradescope <https://www.gradescope.com/> to submit the report. Please submit the written report as a PDF.