

COMP 4073-Y01 Embedded Systems

Project 6: Final Project

Based on your experiences, design your own project by combining some of the previous projects to solve certain real life problems. You can get possible ideas at:

<https://projects.raspberrypi.org/en/projects/getting-started-with-the-sense-hat/11>

Do not simply implement the ideas listed on this page, you need make some modifications to solve some kind of real life problems. You may work in teams and each team may have up to 3 students. Below are the steps for performing this project:

1. Email me you project title and the list of your team members before 11/5/2020
2. Work on you project once you receive my approval
3. Complete your project and put everything in your final project report (following the same project report format) and upload it to eCourses before 11/23/2020, 11:59pm
4. Make a short video to demonstrate your project (describe problem you try to solve, your solution, your team work, and your result), put the video link in the project report, make sure the link is active and I can download your video from it
5. Make your PowerPoint presentation slides (for a 15-minute presentation) and upload it to eCourse before 11/23/2020, 11:59pm
6. Present your project on 11/24/2020 during the class time

Please make a short video to demonstrate your project. You have to describe your problem first, then describe your solution, then demonstrate your project, as well as describe your team work, if you have. Upload the video to YouTube or some where else, then include the link in the project report

Notes:

1. Name your report file as “Last name, First name_final.docx/.pdf”, for example, my last name is Wang and first name is Yonghui, so, my word file will be named as “Wang, Yonghui_final.docx”
2. Submit your reports to eCourses either in a word file or in a pdf file, before 11/23/2020, 11:59
3. Submit your powerpoint presentation slides to eCourses before 11/23/2020, 11:59
4. Presentation and demonstration time: 11/24/2020, 2:55pm – 4:15pm