# Final project Presentation, Write up and Code
# COMP4102

Deadline to submit the Final project: April 14th

Your final project grade worth 20% of your total grade and it will be graded based on the following three sections:

## (4 points) Project Presentation

Each team will be given approximately 5 to 6 minutes to present (one member would be enough for presentation, but it's up to you if you want to switch between members in presentation). You should describe your project, starting by a short introduction and problem statement, a bit of the background or related work. Then, talk about the method you used, and show your results and conclude. Your short clips should be uploaded in cuLearn. I will mark the presentations. So try to do a good job in presentation. Your codes and report will be marked by TAs.

## (6 points) Final write up

Your final writeup should include the following basic sections. You are also encouraged to provide more detail if you wish. Note that some of the information in your final writeup can be pulled directly from your proposal if it is still accurate. We are looking for the project write up to be a PDF document of at least around 2 pages per participant in the team (i.e. a team of 3 would need to produce at least 5-6 page document).

**Important**: Submit a PDF of your final project writeup (called FinalWriteUp.pdf) to your cuLearn. You can use Overleaf which has many templates. Here is an example template:
`https://www.overleaf.com/project/5e8a69eff8051b0001542172`

Your write up should include:

**Abstract**: A short (no more than a paragraph) project summary. If applicable, the summary should list your project deliverables and why your problem is challenging.

**Introduction**: Describe the algorithm, application or system you are implementing. Why is it a good candidate for being placed into a vision application. Why is it challenging?

**Background**: Please cite relevant papers, software packages, etc. that relate to your problem. Ensure you describe in at least a paragraph or how this background material directly relates to your chosen problem.

**Approach**: Tell us how your implementation works and why it is different. Please include enough math here to explain your approach succinctly. Your description should be sufficiently detailed to provide the TAs a basic understanding of your approach. Try to make a good argument for why you have chosen your solution.

**Results**: Please present the results of your project in action. This may take the form of screen shots, images, graphs, tables etc. You can also show and discuss the failure cases if you have any.

**List of Work**: If your project is a team project, please list the work performed by each partner. Alternatively, you can simply state: "equal work was performed by both project members."

**GitHub Page**: You already have created a public GitHub page for your project. **Place the link to your GitHub page in the final writeup page**. Your project GitHub page already contain the following sections and content: *Title*, *Summary*, *Background*, *The Challenge*, *Goals and Deliverables*, *Schedule*. (You have wrote these sections, most probably at the time of proposal). Please ensure that the page is updated with all the final results. You can also include your final writeup in you GitHub page.

**References**: A list of references that you are citing in the rest of the document.

# (10 points) Code

Please submit your code with all its dependencies in the GitHub page. Put README file that instruct the TA to run your code. Also, include a video that shows your code is running.