

Final Project Instructions

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Final Projects

Each group will prepare and submit:

1. **A paper** written in CVPR format. Needs to be submitted in LaTeX format (you can use overleaf.com).
2. **A presentation** file (in .ppt or .pptx format) to be presented to the instructor (about an hour long presentation will be given by all the group members. The missing group members will receive zero credit automatically). You will be asked questions during your presentation.
3. **A GitHub page** for the project (include the code, a nice description, the dataset or a link to dataset). If the links or files do not work on the GitHub page, students may not receive credit for the project. It is students' responsibility to make sure the GitHub page contains clear definition.

Deadlines & Presentation Time

- Each group must submit all of their project materials (a conference paper, a ppt file and a link to the project's github page) **by 23:30, January 7, 2021.**
 - Also include the Github link of your project on the first page of your presentation AND at the end of your conference paper.
 - You must submit all your documents by January 7th to be able to present your ppt / project. You canNOT make any changes on your any file including your presentation file, once you submit your files. **Failure to comply with the instructions will result: 30% penalty.** If your Github links does not work, you will also get the same penalty! (It is your responsibility to make sure that your Github link works and accessible by anyone)
- Each group will make about **an hour long presentation** to the instructor. A time slot will be assigned to each group to make their final presentations. The time slots will be assigned based on the first-come-first-served idea. Choose your time slot between **Jan. 08 morning and Jan. 11 evening** based on the availability of the instructor. Groups should be prepared for questions during their presentations.
 - Each group needs to send only one email (**cc all your group members**) including your preferred time slots (send your email asap and in your email include at least 3 time-slots. If your first choice is available at that time, you will be assign you to your first choice. Otherwise, your next available choice will be assigned to you). **Also include your group name, all your group members and your final project title in your email.**
- **Time slots** are assigned as for one hour and fifteen minutes long starting at: **11:00, 12:15; 13:30; 14:45; 16:00; 17:15.**
- You can present your project before Jan.8th too if your group is ready. Send an email to me.

Submission of all your final documents

- In a single .zip file include:
 - your paper files (PDF file AND all its Latex files in a folder)
 - Your PPT file that you will present (in .ppt or .pptx format)

and email that .zip file to: cs484cs555@gmail.com

with the subject:

“CS484CS555_FinalProjectFiles_Group<**NAME**>” where you replace <**NAME**> with your group **name**.

- Include all your group members' name in your email too. You can use **google drive** if your zip file is too large.

Paper & Presentation Structure

- **Abstract:** ideally, you should have already written this part at the beginning of the semester.
- **Introduction:** You should finalize this section at the end, after finalizing your experiments.
- **Related Work:** You should have already done this part during your survey presentation.
- **Proposed Approach (IMPORTANT SECTION)**
 - **Architecture details (include its figures and relevant tables) & Loss function (define and describe it)**
 - **The technical explanation of your main novelty (this cannot be hyper-parameter tuning and that is why you are asked to meet me /update me frequently).**
 - **Include your baseline architecture's details as well here.**
- **Results / Experiments (IMPORTANT SECTION)**
 - **Data:** What are the details of the dataset that you used (resolution, # of training & test samples, input & output format, total # of classes, etc.).
 - **Metrics:** The definitions of the used metrics in your performance comparison. Define them as equations (make sure to explain the meaning of each used term in all the equations after giving that equation).
 - **Results:** Explain what tests/experiments you run to check the performance of your network. Compare your results to **at least** one baseline network that is the state of the art.
- **Conclusion:** Conclude your work in a few paragraphs. Also in another paragraph, state the contribution of each group member (If you cannot agree on that, you can talk to me individually).
- **References:** Include all the relevant references. The more citations/references, the better.
- You can have as many pages as required (**Min. 9 pages in CVPR format without the references**). Make sure you do not leave a lot of spaces between texts, figures, equations ,etc. Also make sure that you use your own figures, results and drawings in your paper.
- You can also have a look at your preferred CVPR papers to get ideas about how to structure your own paper, how to present your results and how to describe your novelty.
- Note that your presentation quality will also be considered, when grading.