Final project deliverable logistics

Here is the checklist for final project deliverables and presentation:

1. Sign up for **one** presenter and **one** discussant slot on presentation spreadsheet
2. Submit term paper **TWICE**
    a. Once on Circuit for peer reviews
    b. Once on Gradescope for final grading
3. Submit code zip file and video link on Gradescope
4. Enter paper title and publicly accessible video link on presentation spreadsheet
5. Submit in-depth peer reviews on Circuit

Term paper

You should submit a copy of your final PDF **on Circuit AND on Gradescope**. The Circuit submission will be for peer review and the Gradescope will be used for the instructors to grade your final project paper. The paper should follow the ICML 2022 LaTeX guidelines. The structure should be clear, but the exact structure will depend on each project. Please use appropriate section headings. overleaf.com is recommended for LaTeX compilation. The required elements are:

1. **Informative title** – Please create an informative title for your term paper that is relevant to the content of the paper. It can be a longer title (roughly 5-10 words). You can think of it as an abstract of the abstract. It should not be generic like "Course term paper" or "Project paper".
2. **Abstract (at least 1 paragraph)** – You should write an abstract paragraph that summarizes all the key points in your paper including motivation, prior work, implementation, and results.
3. **Substantive review and critique (at least 1 page though likely 2-3 pages)** – This should include your review and critique of the (at least three) papers you selected. This should be a revised and edited version of your prior checkpoint but could be completely rewritten if appropriate. You can structure this section however seems most appropriate. The simplest is like the checkpoint but if it makes sense to include some background material first and then dive into critiquing each paper that is good as well.
4. **Description of implementation, evaluation and discussion (at least 2 pages)** – You should describe your implementation (including details about what code you used or developed), your evaluation method, your results (including any relevant tables or figures) and a discussion of your results. Please ***explain what you think the results mean*** rather than just stating the results. Also, include ***any insights or relevant observations***.
5. **Length requirement (at least 5.5 pages) –** The whole term paper must be at least 5.5 pages excluding references (i.e., main text spills over onto 2nd column of 6th page).

The basic rubric for peer review is given on the next page. **However, note that the instructors will make a final grade based on the quality of all the project deliverables as a whole and will not use this peer review rubric.**

1. Does the paper include an informative title?

0 points	5 points
Title is not included or is uninformative (e.g., "Final paper" or "Course project").	Informative title is included.

2. Does the paper include an abstract paragraph?

0 points	5 points	10 points
The paper does not include an abstract.	The abstract is 3 sentences or less.	The abstract is a paragraph.

3. Does the paper include a substantive review and critique of three papers (at least 1 full page)?

0 points	10 points	25 points
The paper does not include a review or critique.	The review and critique sections are less than a page.	Yes, the paper includes review and critique sections are at least 1 page.

4. Does the paper include a description of the implementation, evaluation, and discussion of the methods (at least 2 pages)?

0 points	10 points	25 points
The paper does not include a description.	The implementation, evaluation, and discussion are one page or less.	The implementation, evaluation, and discussion are at least two pages.

5. Is the paper at least 5.5 pages long (i.e., spills over to second column on 6th page) EXCLUDING references?

0 points	10 points	20 points	30 points
The paper is less than 3.5 pages long excluding references.	The paper is at least 3.5 pages, (i.e., spills over to second column on 4th page).	The paper is at least 4 pages (i.e., spills onto 5th page).	The paper is at least 5.5 pages long (i.e., spills over onto the second column on the 6th page).

6. How would you rank the quality of this submission relative to other submissions in the class?

0 points	3 points	5 points
Below average (lower 25%).	Average (25%-75%).	Above average (75%-100%).

7. Did you include a full review in the feedback box based on the template?

0 points	0 points
No---Please include a full review in the comments box based on the template given in the final deliverables instructions.	Yes

Code zip and 5-min publicly accessible video link on Gradescope

You will submit your project code zip file and publicly accessible video link on Gradescope. You should include a README and all necessary code to run your experiments but no datasets. The README file should:
1) Explain how to run the experiments
2) Describe:
  a) Which code files have been copied from other repositories with references to these repositories
  b) Which code files have been modified and how they have been modified
  c) Which code files are the student's original code.
3) Include a description of the datasets you used and where you obtained them.

See Gradescope assignment for more details (it is not timed like Quizzes so you can view the assignment submit and resubmit up until the deadline).

Presentations

To accommodate the large class, we will do multiple parallel ***live*** Zoom breakout rooms during the normal class period. **These will all be completely virtual on Zoom.**

Every student will be required to attend one breakout session live every presentation day. I will use a simple Gradescope assignment that asks you to certify if you have attended a breakout session and listened carefully each day (similar to a virtual sign-in sheet for attendance). We may use direct checking, Zoom logs, or session videos to verify your participation.

Each student must sign up for **one presenter slot AND one discussant slot**. Failure to sign up for a presenter and a discussant slot could significantly impact your final project grade.

- The **presenter** will present their course project during their assigned time.
- The **discussant** should watch the 5-min video presentation **beforehand** and prepare **5 discussion questions** for the presenter that will be asked live—you might not have time to discuss all 5 questions, but you should prepare 5 questions. These questions can be about core concepts, implementation effort, results, challenges, future directions, etc.
- To enable others to view the presentations afterwards, the **first presenter slot** will be designated with the role of **recorder**. ***The first student to sign up for a room must select the first presenter slot.*** The recorder must record the breakout room on their computer and then post a publicly accessible video link on the presentation spreadsheet (similar to 5-min video).

You may sign up for presenter and discussant slot on the same day, but *it must be in the **same** breakout room* since I won't be able to move people once the session has started.

In-Depth Peer Review of Term Paper

Your final peer review will be more in depth than previous peer reviews. In particular, you are required to fill out the 5 criteria below and put into the "Feedback" text box of your peer review on Circuit.

Reviewing principles:

- It is imperative to be polite in reviews. (If you are not polite, your grade may be significantly penalized.)

- The primary purpose of the review is not to criticize the author or their work; it is to help them improve their work.
- The most helpful things in reviews are suggestions about how to improve the paper.
- Telling the author what you understood and what you didn't also helps the author improve the paper.

Criteria (you must fill out your review for each criteria below)

1. Please summarize the key idea in each published paper that this term paper reports on in one sentence. (3 sentences total)
   published paper 1:
   published paper 2:
   published paper 3:

If the paper does not have clear headings for the 3 selected papers (e.g., the paper has a single "Related Works" section), please summarize the one paper that was implemented and choose 2 other papers that are cited and discussed in the related works section. Some term papers may discuss more than 3 papers.

2. Summarize the implementation that this term paper reports (4-5 sentences total). Please include what the implementation takes as **input** (in one sentence) and what the implementation produces as **output** (in one sentence). Please state the main ideas or insights of the implementation/algorithm (2-3 sentences). This summary can include mathematical notation or pseudocode.

3. Please summarize the experiments/evaluations and results. (one or two sentences)

4. What didn't you understand in this term paper? (one or two sentences)

5. How can the author improve this paper? (one or two sentences)