CIVE 6358 – Spring 2022 Final Project

- **Video presentation due date: 05/10/2022 (23:59 PM)**
- **Questions due date: 05/11/2022 (23:59 PM)**
- **Responses due date: 05/12/2022 (23:59 PM)**
- **Report, slides and form due date: 05/14/2022 (23:59 PM)**

These are hard deadlines. No extensions!

Number of points: 100

This document has important instructions for the final project presentation and final project report. Please read the whole document carefully. The final project is worth 100 points which contributes to 25% of your final grade. If working in a group, only one group member needs to submit. No late submissions. You may not use your late hours for project submissions including the video presentation, questions, responses, report or slides.

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1. Final video presentation

The final project video presentations will be held asynchronously via Teams. Each team should upload a video of their presentation as a Teams post on the channel titled "Final project" by the "video presentation due date". The video should include slides presenting their work as well a background audio of the student presenting in the background. The students' face(s) may also be optionally visible. The length of the video presentation should be 6 minutes + 2 minutes for every team member (e.g., single person – 6 minutes, two people – 8 minutes, and so on). Please see the evaluation criteria to learn what your presentation should include.

2. Questions and responses

Each student is responsible for asking at least 2 questions which should be posted as replies to a video posted by the "questions due date". These questions must be on different presentations. Questions must be different from previously asked questions on the same presentation. Your first 2 questions should be on presentations that have fewer than 6 questions. If you wish to ask more questions, they may be on any video. After you post your questions, you will have to fill out a form where you copy all the questions that you asked. A link to this form will be shared in the coming weeks.

Each student must also respond to all questions asked on their video by the "responses due date".

Once you receive responses to your questions, or the responses due date has passed, fill out this form to document the discussion you engaged in. You can document any 2 questions you asked. https://forms.office.com/r/PuXs9n3JnJ (login required)

3. Final project report

The written report should be well formatted and resemble a conference submission, we strongly recommend following the template [here](). Both word and latex templates are available. The report should be exactly 4 pages per team member excluding references. The reports should be text searchable and not rasterized images of text. Please see the evaluation criteria to see what the report should include.

4. Evaluation criteria
The presentation and report will be evaluated together on these criteria. You will be given an overall grade after review based on the following:
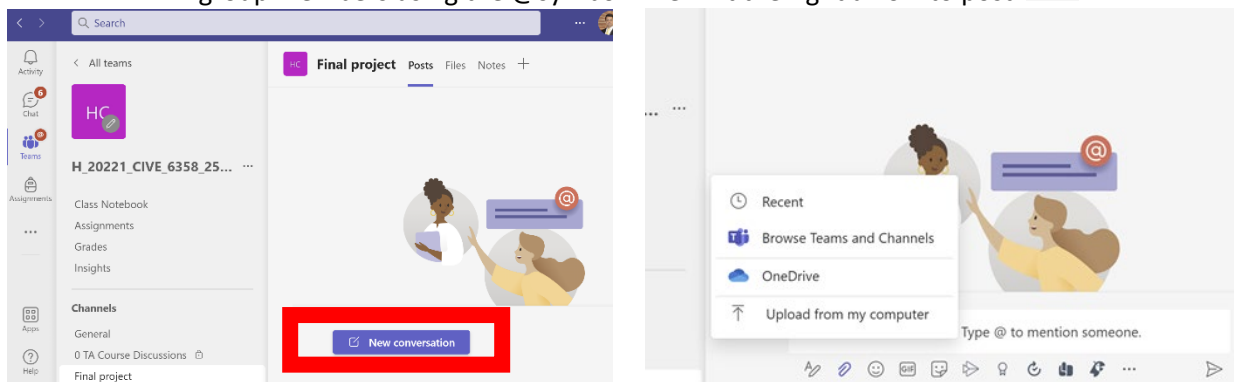
- **Title, Author(s), CougarnetIDs**
- **Abstract**: Briefly describe your problem, approach, and key results. Should be no more than 250 words. (report only)
- **Introduction (10%)**: Describe the problem you are working on, why it's important, and an overview of your results
- **Related Work (10%)**: Discuss published work that relates to your project. How is your approach similar or different from others?
- **Data (10%)**: Describe the data you are working with for your project. What type of data is it? Where did it come from? How much data are you working with? Did you have to do any preprocessing, filtering, or other special treatment to use this data in your project?
- **Methods (25%)**: Discuss your approach for solving the problems that you set up in the introduction. Why is your approach the right thing to do? Did you consider alternative approaches? You should demonstrate that you have applied ideas and skills built up during the quarter to tackling your problem of choice. It may be helpful to include figures, diagrams, or tables to describe your method or compare it with other methods.
- **Experiments (25%)**: Discuss the experiments that you performed to demonstrate that your approach solves the problem. The exact experiments will vary depending on the project, but you might compare with previously published methods, perform an ablation study to determine the impact of various components of your system, experiment with different hyperparameters or architectural choices, use visualization techniques to gain insight into how your model works, discuss common failure modes of your model, etc. You should include graphs, tables, or other figures to illustrate your experimental results.
- **Conclusion (5%)** Summarize your key results - what have you learned? Suggest ideas for future extensions or new applications of your ideas.
- **Writing / Formatting (5%)** Is your paper clearly written and nicely formatted?
- **Questions (5%)** Are you asking probing questions on others presentations?
- **Responses (5%)** Are your responses to others' questions reasonable and insightful?
- **Supplementary Material**, not counted toward your page limit and submitted as a separate file. Your supplementary material might include:
  - Source code (if your project proposed an algorithm, or code that is relevant and important for your project.).
  - Cool videos, interactive visualizations, demos, etc.

Academic honesty:
- Reports with any text inappropriately copied verbatim from published sources will be given 0 for the project and an F for the course. Please only include text that you or your teammates write.
- Don't submit code from online github repositories and claim it as your own. Please be aware of the academic dishonesty policy. Cite external codebases you used as is or with trivial modifications in your references with brief explanations of why you used them.
- Students are encouraged to become familiar with academic honesty rules before submitting.

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5. Submission instructions
- Submit your video as a Teams post by the "video presentation due date"
  - To submit your video, navigate to the Final project channel, start a new conversation, and upload the file from your computer. Type the title of your presentation, and tag all your group members using the @symbol. Then hit the right arrow to post

- Ask your questions by the "questions due date" by responding to a video post on Teams
- Respond to questions on your team's project post by the "responses due date"
- Submit files to blackboard by the "Report, slides and form due date"
  - Your video presentation slides as Final_presentation_CougarNetID(s).ppt or pdf
  - Your project report with file name as Final_report_CougarNetID(s).pdf
  - Any code you developed for the project
- Fill out the discussion documentation form linked in section 2 by the "Report, slides and form due date".

For the final project, we allow multiple submission on blackboard. Make sure to double check your submission. We cannot help you later on if you make mistakes with your submission. Make sure to submit and not just save as draft. No late submissions or late hours are applicable to the project submission.