

EECS 498 W26 System Design of a Search Engine Project presentation

Slides due before the start of presentations on Thursday, April 16, 2028.

You are to prepare and deliver a 30-minute presentation of the results from your project to the class. You will probably need to do some dry runs to rehearse.

Here are the guidelines:

1. Please do not go over your allotted 30 minutes.
2. Your first slide should include your group photo.
3. Include a slide with your names, majors and years, and the parts you worked on.
4. You have time for perhaps a dozen additional slides. What you do with them is up to you. Focus on what's different about your engine, the design choices you made, and the results you achieved.
5. Use dark text on light background, including screenshots. Light text on a dark background may look great up close on your laptop but is much harder to read on a projector.
6. If you're passing the microphone, the person who's speaking should step to the front. Don't stand in the corner.
7. You must demo. Your results page must show elapsed (wall clock) time to run the query. (We will publish a short list of sample queries.) Leave time for students to run queries or suggest them.
8. Your grade will be based on a survey of the other students in your section, asking them to rate your performance on these metrics:
 - a. You did a good job telling your story and made it interesting. It was organized, professional, and easy to understand. You used your time well.
 - b. You clearly explained your key design decisions and how your engine works.
 - c. You clearly presented your results, e.g., LOC, number of virtual machines, size of your index, query language supported, ranking heuristics, any special features, etc.
 - d. You gave a really great demo.
 - e. You built an impressive engine. Great design choices, large index, good heuristics, great search results, nice features, very fast.

Please submit your slides via Canvas in PowerPoint (preferred) or PDF format. This only needs to be a snapshot of where you were by the deadline. You may continue to edit them right up until you give your presentation.

On the day you're assigned, you'll have 30 minutes for your presentation and demo and 10 minutes to set up between presentations. If you're first, you need to arrive early like I do, so you're ready to go live when the green light comes on camera. I'll introduce you with the hand microphone, then hand it to you and you're off and running. At the end of your demo, you'll want to invite your audience to connect to your engine and try their own queries or suggest queries they'd like you to try. That always invites the unexpected, so that's why you demo stuff you know works first.

You will need to attend one section each of the three days of presentations. One of those will be the one where you present. You will need to rate the other 6 presentations you attend.

Your grade on the presentation will be determined by survey.