

CSE 416

Final Project Presentation Guidelines

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Course Evaluations

- Be sure to complete your CSE416 course evaluation (now is a great time)
- https://www.stonybrook.edu/celt/academic-assessment/course_evals_students.php

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Project Scoring Recap

- CSE416 Syllabus
 - “The project score is calculated as the weighted average of scores for:
 - GUI prototype - 10%,
 - Client-server prototype - 5%,
 - DB access prototype – not included in calculation since every team used Mongo,
 - Design review - 25%,
 - Code review - 20%, and
 - **Final project presentation - 35%.**”
 - “The overall components of the grade are:
 - Mid-term exam - 25%;
 - Oral communications - 15%; and
 - **Project - 60%**

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Final Presentation Format

- 30 minutes
- Select your states to demonstrate all your use cases
- Run your system demonstration in your preferred order of use cases

Send a PDF of your use case list to me no later than the morning of your presentation. The use case list should be in table form with use cases listed in the order you intend to run them

In each row of the table, include the use case number, the use case name, and the number from the master list

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Sample Team Use Case List

Team Bengals - Dec/17/2024
Sinae Hong, Hyunjun Cho, Yeonkyung Ha, and Hyo Jong Chung

Project Scoring Recap

Use Case Number	Use Case Name	Master Use Case Number
1	Display a pan-able and zoom-able map of the US (required)	GUI-1
2	Select state to display (required)	GUI-2
3	Display summary of SMD/MMD ensembles (required)	GUI-4
4	Map display of selected district plan (required)	GUI-12

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Final Presentation Scoring

- Project score is the project quality score multiplied by (number of completed use cases divided by your team’s targeted number of use cases)
- Quality score for your system (0-100)
- Categories of use cases The project grade sheet displays your team’s targeted number of use cases
 - Required-UC
 - Preferred-UC
 - Optional-UC
- Completed use cases are calculated as $[\#required-UC + \#preferred-UC + \#optional-UC] - 2 * (\# \text{ required-UC not demonstrated})$

If your team is other than a 4-person, send me a list of expected use cases at least 1 week in advance

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Planning for Your Final Presentation

- Lock all code 24 hours before the presentation (problems caused by a last-minute code merge can be disastrous)
- Dry run your presentation multiple times to be sure you can demonstrate all the use cases within 30 minutes and that the presentation flows well
- Make sure that everyone has a part in the presentation
- Be sure that your video/audio tools are working (video mandatory)
- Consider limitations of Zoom
 - More difficult to coordinate
 - Time lost in switching shared screens
 - Resolution/color differences when a screen is shared
- Regularly check the Web master use case list for updates (request an update if you have a good use case not on the list)

Recent significant changes to the use case list appear in red

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Presentation Tips

- Talk as if you are presenting to a client (do not use computer science terms unless asked a CS question)
- Concentrate on the functions of your system (what it does, not how it does it)
- Be sure to regularly state the number of a use case being shown (number from your ordering, not master use case number)

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Non-Client/Server Use Cases

- Many use cases cannot be shown through the client/server interface, namely
 - Pre-processing – whenever you are displaying data that resulted from preprocessing, just indicate it to receive credit

Let me know when you are presenting data that clearly resulted from a preprocessing use case (e.g., show boundary data for 48 states)

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Final Presentation

- Use a logical sequence of steps to demo your system
- Be prepared to identify any data anomalies
- Be prepared to identify interesting results
- Clean up your GUI, for example:
 - Limited dead space
 - Commas in population numbers
 - Visible text (e.g., good contrast between text and background)
 - Left alignment of text, right alignment of numbers
 - Compatible colors
 - Limited scrolling

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Use Case List

- Look at the current use case list, and ask a question if you are not sure how to show a given use case as completed