

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
- You will be given a state to demonstrate (from among your selected states)
- 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 Cardinals - 5/18/21
Michelle Huang, Tina La, Vivian Lam, Lisa Zheng

Use Case Number	Use Case Name (1-sentence description of the use case)	Master Use Case Number
1	Display a panable and zoomable map of the US (required)	1
2	Select state to display (required)	2
3	Store preprocessed data in server's file system (required)	29
4	Display all jobs for a state (required)	7
5	Map view filter to toggle district, precinct, and county borders (required)	3

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Final Presentation Scoring

- Project score is the project quality score multiplied by (number of completed use cases divided by the number of required use cases)
- Quality score for your system (0-100)
- Categories of use cases
 - Required-UC
 - Preferred-UC
 - Optional-UC
- Completed use cases are calculated as

$$[\# \text{required-UC} + \# \text{preferred-UC} + \# \text{optional-UC}] - 2 * (\# \text{required-UC not demonstrated})$$

The project grade sheet will confirm your team's number of required use cases

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) **Use case updates after 12/1 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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SeaWulf

- You are not expected to run a job on the SeaWulf during your presentation, but you are expected to
 - Show that jobs were run on the SeaWulf
 - Access data in your DB that was generated by your SeaWulf code
 - Show screen shots of SeaWulf work (e.g., profiler output, test results, SeaWulf/Python generated graphs, etc.)

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Non-Client/Server Use Cases

- Many use cases cannot be shown through the client/server interface
- Categories
 - Pre-processing – whenever you are displaying data that resulted from preprocessing, just indicate it to receive credit
 - SeaWulf – use SeaWulf generated data in your client/server interface
 - SeaWulf algorithms– show the end result of running the algorithm and comment on your observations on the algorithm

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Final Presentation

- Use an interesting test scenario (compare SMD to MMD, examine racially polarized voting, etc.) to demo your system
- Be prepared to identify any data anomalies
- Be prepared to identify which algorithm combinations worked best
- 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

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