CIS 405 Software Engineering
Spring 2023 Final Project Presentations

Date/time/place of presentations:
Wednesday, May 17, 2022, 2:45 PM – 4:45 PM, Dunn 208

Content of presentation
- The overall presentation will resemble the weekly Sprint Review, but the focus will be slightly different. See below for a more detailed breakdown of the sections of the presentation.
    - The presentation must be aimed at "the client." Only features that add value for the client are to be included in the main demo (*i.e.,* no tests in the demo itself).
    - Present your software as if it is the only (or the first) version being presented. Do not rely on anything that you have done/presented in weekly reviews in your product presentation.
- The centerpiece of the presentation is to be an end-to-end, top-to-bottom demo of the software product, **including installation using Docker**[*]. The demo must show the complete workflow through the project. Approach the demo as if we hadn't all seen it 10 times already. **Be sure that the demo is clean, fluid, well explained, and easy to follow.**
- You will turn in a presentation report that is similar to the Sprint R&R reports.

Sections of presentation
1. **Introduction.**
    a. Introduce your team and team members.
    b. Give a short overview of your product – what it is, what it does, who will use it, *etc.*.
2. **Full demo of software product**. As described above, give a complete guided "tour" of the software.
3. **Technical outline**.
    a. Report on the summary metrics for your project: total estimated story points in the product; velocity over time (a plot of the team's velocity for each week would be nice but is not required, but at least I must see numbers); total test coverage for the finished product.
    b. Complete list of backlog items implemented and backlog items that were not implemented. Indicate specifically if there are any items that were not implemented that were above the "red line".
    c. You should show tests in this section (as opposed to being part of the product demo). I would like to see tests running, as well as a report of the test coverage.
4. **Team reflection**.
    a. Discuss the top **technical** challenges your **team** encountered (no more than 3). THIS IS A SINGLE CHALLENGE AGREED UPON BY THE TEAM, NOT ONE CHALLENGE PER TEAM MEMBER!
    b. Discuss the top **process** challenges your **team** encountered (no more than 3). THIS IS A SINGLE CHALLENGE AGREED UPON BY THE TEAM, NOT ONE CHALLENGE PER TEAM MEMBER!

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[*] You do not have to do the whole demo on the clean installation, but you must show that the installation works and produces running software.

    c. Discuss the most valuable "takeaways" of the project (up to 3). These may be technical, process, or a combination.

    d. **One** piece of advice to a future CIS 405 student or team. THIS IS A SINGLE PIECE OF ADVICE AGREED UPON BY THE TEAM, NOT ONE PER TEAM MEMBER!

Additional information

- Presentations will be timeboxed at 40 minutes (30 minutes for presentation + 10 minutes for questions/feedback), including setup, presentation, and questions. Please note that these time limits are absolute requirements.
- All team members must be present for the presentation. Absence is an automatic score of 0 for that team member (not the whole team). This score cannot be excused or made up in any way. It is the equivalent of missing an in-class final exam.
- All team members must participate in all sections of the presentation as much as possible. Team members are to divide the presentation time equally.

Please do not hesitate to ask me if you have questions that aren't answered in this document. I'm sure that I've forgotten something.