CSCI 943 - Senior Project 3
Spring 2022

Time and Place: MW 3pm-4pm, CF 110

Instructor: Phil Nelson

Office/Phone: CF467, 650-3035

Office Hours: 1:30pm-2:45pm MTWF, others by e-mail request.

E-mail: My e-mail address is phil@wwu.edu. When you send me e-mail, please use plain text (no HTML) messages and include “CSCI 491” in the subject of your e-mail. Do not use Canvas for communication with me.

Web Access: I have information for this class on the web. See the page [https://facultyweb.cs.wwu.edu/~phil/classes/s22/493](https://facultyweb.cs.wwu.edu/~phil/classes/s22/493). I will update the content over the quarter as needed. If you believe something is missing from the site, please e-mail me requesting the information be posted. Some content may be on canvas.

“Text”: None.

Description: The third of a three-part team-based project to apply the skills and knowledge attained during the program to real, significant industry-based applications. It is expected that this third term is the time when you finish your implementation, add your final documentation, make sure your customer knows how to use your final result and prepare your final 15 minute report and demonstration.

Course Outcomes:

- The ability to work effectively in small teams.
- Thorough understanding of design methodology and project lifecycle.
- Ability to execute development plans previously formulated.

Projects: You will continue working on the projects to which you were assigned in 491.
**Attendance:** During the quarter Wednesday class time will be used for reports from students on project progress. Attendance is required. (A zoom session will be provided for those who are not current living in Bellingham.)

At the end of the term, teams in CSCI 492 and 493 present what they have accomplished. Students in CSCI 491 will attend and evaluate these presentations. This will requires additional time. Your attendance is required at these presentations. 493 presentations will most likely start in the 7th week of the quarter this quarter.

**Grading:**

10% Peer reviews
30% Project deliverables: design/testing, Milestones 6 - 9
35% Project final report
10% Customer Contact/Feedback
10% Project Presentation
5% Participation and Attendance

Final grades are expected to be 90% – A, 80% – B, 65% – C, 55% – D. Pluses and minuses are assigned at my discretion.

Finally, a time log is required of every student. This is a practicum course and so your “out of class time hours” are the important thing. You must log a minimum of 4 hours every week during the quarter to get a passing grade. (This means a minimum of 40 hours for the quarter.) Start a new section in your time log for 493. It needs to have a running total of time for 493. You may also have a running total for all three quarters of work.

**Required Workflow:** For this quarter you are required to use the following workflow for this project:

1. Add your start time to your time log, save it and **commit it to your git project**.
2. Do your work which may include other git commits.
3. Add your stop time and what you did to your time log and **commit it to your git project and push it.**
There is one exception, this is your client meeting. Once you have finished your client meeting, you must add your client meeting to your time log, commit and push.

**Milestones and Final Report**  Milestones 6 to 9 are due on April 6, April 20, May 4 and May 18. The final report is due on June 1, the last day of class. For this quarter, all milestones are due at 3pm, the beginning of class. For this quarter, I want milestone documents and final report documents modified and committed to gitlab. I need to see using gitlab history who did what in the documents. A single commit from one student is not sufficient. Do not use google docs for editing your documents. You must have your original document in github. It may be one of .tex, .ods or .docx. No simple text documents will be accepted. Details for each milestone and the final report will be on canvas.

**Late Work:** No late work will be accepted. Everything must be turned in on time on canvas and committed on time in github.

**Flexibility:** Due to being the first time I have taught 493, changes may happen during the quarter. Such changes will be announced in class and posted to the web site. Students will be held responsible for knowing about and properly dealing with any changes.

**Academic Honesty Policy:** Violations of the Academic Honesty Policy in this class will result in a failing grade for the class. The primary violation in this class would be claiming the work of others, including other members of the team, as your work.

**Western Syllabus Policies:** For generic syllabus policies of Western, visit [https://syllabi.wwu.edu](https://syllabi.wwu.edu)