**CS 493 Software Engineering II**

**Project Ideas**

**Date Assigned:** Tuesday, August 29, 2017

**Date Due:** Thursday, August 31, 2017

**Category:** Planning documentation – Background research, etc.

**Points:** 30pts

**Brief**

Since you first started at Pacific, you have heard about capstone projects and have probably had some thoughts about what your project might be. Some of you may even have a concrete project idea that you would like to implement. Regardless of whether you have a project idea or not, I would like you to complete this assignment with an open mind.

**Your Mission**

* **Part 1** - Answer the following questions:
  1. What is your minor or second major if you have one?
  2. Do you participate in extra-curricular activities? What are they?
  3. What clubs do you participate in?
  4. Are there any apps on your phone that you find useful, but perhaps have ideas for improving? What are they?
  5. Are there any apps/websites/applications that you have used but have ideas for improving/fixing? What are they?
  6. Do you have a preference for working alone or in a team? If so, describe why.
* **Part 2** – Browse through the reports for previous senior capstone projects.
  1. Name the top three that caught your eye.
  2. What was it about them that got your attention?
  3. Would you like to do something similar?
* **Part 3** – Describe three ***different*** ideas for a senior project. These can be based on your answers above, or they could be an idea that you have had for a while. Your descriptions may be a little vague, but do articulate the purpose of the project. Also, if you feel so inclined, draw sketches to illustrate your ideas, take a picture of your sketches using your phone and include them in your submission.

**Assignment Submission**

* An electronic copy of this document is available on the course website.
* Type up your answers, being sure to include the questions and question numbers.
* Turn in a pdf of your document to the CS 493 drop folder on Grace. Name your pdf (01ProjectIdeasPUNet), replacing PUNet with your specific PU Net ID. Be sure to have the pdf in by the start of class on Thursday.
* Turn in a hard copy at the beginning of class on Thursday.

**Evaluation Criteria and Grading Rubric**

* Completeness (10pts)
  + You answered all questions.
* Clarity of descriptions and language (5pts)
  + I can understand the project that you are describing.
* Thoroughness and thoughtfulness (5pts)
  + It is clear that some thought has been put into coming up with project ideas
  + It is clear that you have been thorough in researching (i.e. apps on phone, previous projects, etc.)
* Writing (5pts)
  + Correct spelling, grammar, and punctuation
  + Appropriate use of language and terminology. For example, no slang.
* Neatness (5pts)
  + Document is neat.
    - Title, name, date are in clear and appropriate locations.
    - All questions and answers are numbered.
    - Blank lines are used appropriately.
    - Pages are numbered.