This message is being sent to the 15 of you who are signed up for CS 40700 (Software Engineering Senior Project). The list of all of you appears at the end of this email message.

Experienced CS 40700 TA Johanna Collins will be your Project Coordinator. She is cc'ed on this message.

These are the constraints for the Software Engineering Senior Project:

(a) CS 30700 is a pre-requisite for the Software Engineering Senior Project.

(b) The Software Engineering Senior Project must be completed in the student's last or next-to-last semester.

(c) It must be a team project involving 4-6 people.

You should now do the following:

(1) Form a team of 4-6 students. You can do that by contacting other students on the list below.

(2) Think of something your team would like to do that could constitute a full-semester team Software Engineering project. Come up with a good description of this project. Since the summer is half the length of a regular semester, each team member will be expected to expend 20 hours each week on your CS 40700 project. (In Fall and Spring that is 10 hours each week.)

If your team wants to improve a previous product (e.g., you may want to make your CS 30700 product better by adding new features), talk to your Project Coordinator. If you want to re-use anything (documents or code) from a previous project or code written previously (like an API), make sure that your Project Coordinator knows exactly what you want to re-use and exactly what will be produced this semester.

Here is the schedule you will follow:

Tue, Jun 11 -- Project Charter due

Fri, Jun 14 -- Product Backlog (Requirements Document) due

Fri, Jun 14 -- Design Document due

Mon, Jun 17 -- Sprint 1 Planning Document due

Fri, Jun 28 -- Sprint 1 Review (Demo) Meeting

Mon, Jul 1 -- Sprint 1 Retrospective due

Mon, Jul 1 -- Sprint 2 Planning Document due

Mon, Jul 1 -- First Peer Evaluation Due

Fri, Jul 12 -- Sprint 2 Review (Demo) Meeting

Mon, Jul 15 -- Sprint 2 Retrospective due

Mon, Jul 15 -- Sprint 3 Planning Document due

Mon, Jul 15 -- Second Peer Evaluation Due

Fri, Jul 26 -- Final Project Presentations and Demonstrations (Sprint 3 Review (Demo) Meeting)

Mon, Jul 29 -- Sprint 3 Retrospective due

Mon, Jul 29 -- Third Peer Evaluation Due

Your Project (Course) Grade will be determined by:

Project Charter 5%

Product Backlog 14%

Design Document 14%

Sprint 1 Planning Document 5%

Sprint 1 Review 13%

Sprint 1 Retrospective 2%

Sprint 2 Planning Document 5%

Sprint 2 Review 13%

Sprint 2 Retrospective 2%

Sprint 3 Planning Document 5%

Sprint 3 Review (Final Project Presentation and Demonstration) 20%

Sprint 3 Retrospective 2%

We will use grading rubrics similar to those in CS 30700. These grading rubrics will be available on Blackboard.

We will also do peer evaluations like you did in CS 30700. What you earn on the 100 team points above will be subject to a multiplier based on peer evaluation of your team members. On Mon, July 1, Mon, July 15, and Mon, July 29 you will be asked to evaluate the contribution of all the other members of your team. We will compute a multiplier just as was done in CS 30700. Each multiplier will determine the total points you receive for each Sprint. Peer evaluations MUST be submitted by the due dates above. Every day that you are late will reduce your own multiplier by .05. This is a senseless way to lose points that you have earned in this class....

We will use Blackboard. Johanna will let you know the details.

By Tuesday, June 11, one person on your team should submit a PDF file to the Project Charter assignment on Blackboard. This will tell your Project Coordinator who will be on your team (names and email addresses) and what you plan to do. The Project Charter should be like what you submitted in CS 30700. NOTE: You will have a section 6 named "CS 30700 Projects" that contains for each team member a one-paragraph description of her/his CS 30700 project and a link to the github repo (if it is publicly accessible).

Johanna will make sure that everyone has a team. She will schedule a meeting with each team to meet you and to give you comments and suggestions about your Project Charter.

Note that the Product Backlog and Design Document should be considered dynamic and should be continually updated throughout the semester. We encourage you to have a lot of entries in your Product Backlog -- remembering that you may not get all of them done.

Johanna will schedule a Review (Demo) Meeting at the end of each Sprint. These will be quick. Every team member should attend.

On Friday, July 26, we will schedule Final Project Presentations and Demonstrations -- which will be your Sprint 3 Review (Demo) Meeting.

All team members must be present for each of the three Sprint Reviews on Fri, Jun 28, Fri, Jul 12, and Fri, Jul 26. Please plan accordingly and DO NOT schedule job interviews for those three dates.

If your team needs access to some departmental resource -- such as a server, some other equipment, or software, please submit a request to Johanna. This will be submitted to CS Instructional Technologist Victory Soe for approval.

In addition, through the generous support of some of our department's Corporate Partners, there is some funding available for teams if they need some hardware or software or to incur some other expense while working on their project. If this would help you, please submit a request to Johanna. This will also be submitted to CS Instructional Technologist Victory Soe for approval.

We will move as quickly as possible on any such request. At the end of the semester, any hardware or software becomes the property of the department (to be used by future Software Engineering teams). If there is a need to purchase a license for any product or service, DO NOT do this yourself. The license must be owned and paid for by Purdue. If your request is approved, the license will be purchased on a Purdue purchasing account.

In fact, do not expend any of your own money before talking to Johanna and Victory Soe. It is very difficult (like impossible) for the department to reimburse you. It is better to have the funds expended by the department.

Let me know if you have any questions.

Prof. Dunsmore

================

An, Tong <an82@purdue.edu>

Booth, Kyle S. <booth16@purdue.edu>

Gaildon, Ali M. <agaildon@purdue.edu>

Gu, Jialu <gu188@purdue.edu>

Gupta, Yash <ygupta@purdue.edu>

Kim, MinGi <kim2075@purdue.edu>

Kumar, Adit <kumar245@purdue.edu>

Lee, James M. <lee1870@purdue.edu>

Loisch, Benjamin J. <bloisch@purdue.edu>

Minnella, Nicholas M. <nminnell@purdue.edu>

O'Neil, Edward M. <oneil4@purdue.edu>

Raftery, Brendan T. <braftery@purdue.edu>

Shao, Ziheng <shao44@purdue.edu>

Thomas, Blake E. <thoma558@purdue.edu>

Unterreiner, Justin Jeffrey <junterr@purdue.edu>