Individual Homework. Do the following tasks:

1. Read the case study handout and identify as many “mistakes” as you can and come up with a way the mistake could have been avoided or fixed. Write down a list of potential “mistakes” your senior design team could potentially make (either related or unrelated to the case study), explain why you think there is a potential for the mistake to happen, and how the mistake could be avoided.

2. Continue your work on background research for your project. Meet again with your team to brainstorm and divide up the research tasks. Do your assigned research tasks and write up your findings. This should be largely individual work, however, you may discuss and get help from your teammates as needed. The goal is to split up the research tasks to work more efficiently/productively as a team. Bring a description of your research task and findings to class and be prepared to share your results with your team. You will also need to turn in a copy of your results (i.e., your description of your task and findings).

Project Homework. This part should be done with your team. Work on and write up answers to the following tasks as a group and hand in a single copy on the due date. Note that this is the second week of your first two-week sprint, and like the first week, you should largely continue to work on background research and getting up to speed for your project.

1. Complete the task sheet from week 1 and fill out the initial task sheet (goals, demo, and tasks with estimates) for week 2.

2. Continue to use GitHub to store all of your project documents, source code, etc. For now, use the repository to store the write up from the research work above.

3. Write up a short (1-page) description of what you learned from the “meet your sponsor” CEDE event.

4. Create a draft of Subsection 1.6 of the project plan (Related Work). In your draft, be sure to follow the format of the plan in the template. The easiest way to do this is to copy the template as a Google Doc, share it with your teammates, and then edit just the subsection. When describing related work, focus on both the similarities and differences to the application you are building. Also, include citations for the related work (e.g., as a URL) using footnotes.
**Reading Homework.** This assignment is to be done individually. Read and be prepared to answer questions on the following before next Tuesday. Note you should do the readings in the order given below.

1. Agile Methods Ch. 5: The New Way to Collect and Document Requirements

To help you with the readings, you should be sure to focus on and understand the following topics.

- The basic purpose of a user story
- The components of a user story (what/feature, who/role, why/value)
- Properties of “good” user stories -- the INVEST acronym
- Epics versus stories
- The basic idea of acceptance criteria when it comes to user stories