Requirement

Brainstorm

With your team, brainstorm what project you would like to work on during the semester. You may wish to give each member a 1-minute elevator pitch

User and Task Analysis

You will then perform a user and task analysis. Both of these tasks are what you previously did in A1. For the user analysis, answer who your target audience is, where your product would be used, in what contexts, in what environments, and the frequency of the use. You may also think of other metrics you want to list--be complete and precise!

For the task analysis, identify at least 3 usability goals, defining how the user and system work together to achieve that goal. You did this previously in A1.

Conceptual Model

Once again, this is a repeat of what you performed in assignment 1. The expectation is that you pick key objects in your product that have attributes, relationships, actions on objects, actions on object attributes, and actions on object relationships. Have at least 4 key objects in your system.

Functionality and usage scenarios

Functionality and usage scenarios describe how a user interacts with your system. Here is a brief example using Microsoft Word.

- Functionality Use Case 1: Saving a document
  1. John is a 27 year old working on a document in Microsoft in his office cubicle. John presses "ctrl+s" to save every 1-3 minutes so he does not lose his work.
  2. April is a 54 year old working outside on her laptop who wants to make a new version of her word document. She clicks "save as" to rename the file, so that she can edit a different copy.
  3. Michaelangelo is a 12 year old working on a MS Word document at home on his Windows PC. He accidentally pulls the power plug on his computer. Luckily, he has configured word to automatically saves a copy of the document every 10 minutes.

Deliverables

- Elevator Pitch
- User analysis
- Task analysis
- Conceptual model
- Functionality and usage scenarios