Team-Assignment Phase:
Solution Evaluation/Measures

EECS 498, Winter 2017

Now we have a problem to solve! Let's think about what "Solving It" means. The goals for this phase of the project are:

- Think about what a solution in your problem domain would look like
- Define specific measure that you would use in your evaluation
- Define techniques you would use to better understand your solution and the challenges you will face when solving your problem

Part 1: Framing Solutions and Finding Metrics

For this part, we want to focus on what our "success condition" will look like. Does it mean fast completion times? Does it mean people do more accurate work? Does it mean people can work more efficiently together? Does it mean people spend less time accessing a tool or service? More? Answers to how we measure success can help guide our design and development.

Include: A *clear* description writeup of the measures you will use, and why these measures will tell you how well you're solving the problem you're focusing on. Max length ½ page.

Part 2: Potential Methods

In addition to measures, we need methods for getting measurement. This can include measurements of interactions (e.g., "we will measure how long it takes from the start of a task to the point where a user can submit their solution.") or even qualitative methods ("we will use contextual inquiry to assess if our solution better fits people's real workflow").

Include: A *clear* description of at least 2 study methods you may use and the justification of why. Max length ½ page.

>> *Next Up*: Project Pitches

After this phase, your next team goal will be to create a slide deck summarizing your solution, related work, and how you will measure your success for presentation to the class for feedback.

Grading

This written report is **limited to a maximum of 500 words (~1 pages)**, but will be graded on your ability to clearly address the goals of the project.

This assignment will be evaluated based on the 2 core parts:
- Metrics (50%)
  - Clarity of description of metric
  - Clarity of justification for metric
- Methods of Measurement (50%)
  - Clarity of description of method
  - Clarity of justification for method