CS 221 Project Progress Report Guide

Deliverables:

- PDF writeup of progress report (4 pages max). The main different from proposal is
    - a) should be far more concrete/specific about important details and
    - b) “You should also have finished implementing a preliminary version of your algorithm (maybe it's not fully optimized yet and it doesn't have all the features you want). Report your initial experimental results.”
- Code for work so far (submit link in writeup)

Suggested progress report structure:

- Motivation
    - Repeat and possibly expand on motivation of you work. What is the problem you are trying to solve? Why is it important?
- Task Definition
    - Describe the technical aspects of the problem you are trying to solve. This should be more concrete than during for the proposal.
    - Provide concrete input/output pairs for your problem (eg if your input is an image and output is classification, have an actual example of an image along with its classification)
- Approach
    - Proposed Methods
        - Explain the techniques you plan to use in your project
        - Go into significantly more detail than for proposal with appropriate math, training routines, etc.
        - Can still include section of extra-credit ideas
- Results
    - Evaluation/Experimental procedures
        - Explain your baseline again, possibly in more detail
        - Explain any experimental procedures (training details,
    - Results
        - Explain the metric

        - How well does the baseline perform?
        - How well does your proposed
        - Put the metric into context (your metric may be very domain specific, so provide context for what a good/bad score is; for example, how well would a normal human do?)
    - Experiments
        - What quantitative experiments besides the metric evaluation, if any, have you done or still plan to do
    - Qualitative Analysis
        - What kinds of non-quantitative analysis have you done and still expect to do
- Plan
    - Next steps
    - Any open questions/problems you still need to resolve

- Broad grading basis: having all the content we indicated, formatting, writing