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,
- 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