

Project Update Rubric

Due: October 29, 2018 at 11:59 PM

Project proposals should be 2-3 pages (not counting citations) and should detail the work you have done so far, what you need to do before the final report is due, and any challenges you are facing.

Submit proposals here: <https://goo.gl/forms/lWWGWXSlqxjCypiA3>

Note: Your project milestone should be much more detailed than the project proposal, but it is ok to reuse text from the proposal.

Your proposal should have the following structure:

1. Heading

- a. Project title
- b. Names of students in group, year at UC Berkeley, email address, and student IDs
- c. Project type (literature review, replication project, implementation project, research project)

2. Problem Definition and Motivation

- a. This should be similar to what you provided in your proposal.
- b. Give a definition of the problem you are trying to solve.
- c. If your problem statement has changed since your proposal explain why (e.g., while researching X, we found that component Y was really challenging and interesting).

3. Related Work and Comparisons

- a. This should be more flushed out than in your project proposal. By this time we expect you to be intimately familiar with related work and how your project fits in the scope of related work.
 - i. For a replication project, cite the paper you are reimplementing (of course!), but also cite papers which tackle similar problems and talk about how the code you are reimplementing improves upon and solves these problems.
 - ii. For an implementation project, cite any papers describing the hardware/environment you will be using.
 - iii. For a research project, you should talk about other solutions to your problem and make it clear why they are insufficient. You should also discuss the papers which are needed to understand your proposal

4. Approach

- a. Detail your approach. This should be more flushed out than in your project proposal.
 - i. For code reimplementing, discuss any details about how you plan to reimplement the code. What are the main pieces of code you need to write? How are they challenging?
 - ii. For research project, discuss your proposed method.
- b. How will you evaluate your method?
 - i. This is mainly relevant for code reimplementing/research papers.

5. Current Progress

- a. Please discuss what you have done so far, and what kinds of challenges you have faced.

6. Timeline

- a. Indicate what you plan to do before the final project report is due. A good timeline might include approximately one milestone/week.

7. References

- a. Please have a proper works cited! I would imagine most projects would have *at least* 10 references.