**Final project report.** (60% of project grade – **due Dec. 4**) Update your project proposal to include the

following:

• Abstract. One or two sentences on the motivation behind the problem you are solving. One or two

sentences describing the approach you took. One or two sentences on the main result you obtained.

• “Teaser” figure. A figure that conveys the main idea behind the project or the main application being

addressed.

• Introduction. Motivation behind the problem you are solving, what applications it has, and a brief

background on the particular domain you are working in. If you are using a new way to solve an

existing problem, briefly mention and describe the existing approaches and tell us how your approach

is new.

• Approach. Provide a clear description of your approach to solve the problem. If you utilized code

that you did not write for part of your project, clearly describe where you obtained that code.

Describe what obstacles you faced and how you addressed them. Justify any design choices or

judgment calls you made in your approach.

• Experiments and results. Provide details about your experimental arrangement. (For example,

describe the datasets that you experimented with, number of images or videos, train/test split if you

used machine-learning algorithms, etc.) Describe the metrics that you used to evaluate how well your

approach is working. Include clear figures and tables, as well as illustrative qualitative examples if

appropriate. Be sure to include obvious baselines to see if your approach is doing better than a naive

approach. (As an example, if you implemented a classifier, you might compare its accuracy with the

accuracy of a classifier that made random decisions.) Also discuss any parameters of your

algorithms, and tell us how you set the values of those parameters. If reasonable, show how the

performance varies as you change those parameter values. Be sure to discuss any trends you see in

your results, and explain why these trends make sense. Are the results as expected? Why?

• Qualitative results. Show several visual examples of inputs/outputs of your system (success cases

and failures) that help us understand your approach.

• Conclusion. Briefly summarize the report. “This report has described ….” Discuss any ideas that

you have to make your approach better.

• References. Provide a list of references that you have used for your project.

Along with your project report, please submit any source code that you developed, along with sample input

and output files that you used to train and/or test your system. Ideally, your team will provide the source

code in a ZIP file.

You may take a look at these web sites for inspiration.

• Here is an example of how you might lay out various parts of your report. (You may need to provide

more details than are given here, because this particular page is promoting a conference paper by the

authors.)

• Here is an example of a professional-looking page.