

Final Project Status Update

New Attempt

Due Jun 4 by 10am **Points** 24 **Submitting** a file upload

Submit your final-project status update as a PDF or PPT file on Canvas by 10am on June 4. The update should not be longer than 2 pages of PDF or 5 slides of PPT.

Note that late submissions will not be allowed, unless there is a justified reason.

Specify in your final project status update the following:

- 1) (1 point) Problem statement.
- 2) (4 points) Approach -- Provide an overview figure of all components (steps) of your approach. Specify which software libraries and open-source code you use. Specify implementation details (e.g., number of training epochs (iterations) for deep learning), manually selected input parameters and thresholds, etc.
- 3) (1 point) Dataset(s) -- Describe the dataset(s) you use for evaluation. Specify: the number of training and test images/videos, number of classes, what is provided as ground truth. Provide a figure with some illustrative examples of images or video frames from your dataset(s). In the figure caption, explain the vision challenges presented by the dataset(s).
- 4) (4 points) Show a table with your preliminary quantitative results on the dataset(s). Include in the table the state-of-the-art results reported on the dataset(s). Indicate your training runtime and test runtime. Specify the computing hardware you use to run your experiments.
- 5) (4 points) Specify a baseline approach that you will use for comparison in your quantitative evaluation. For example, a baseline can be a simpler version of your approach where some steps are removed or made simpler. Your approach should give better results than the baseline.
- 6) (4 points) Who is on the team, and if more than one student on the team specify the distribution of labor (i.e., who did what).

