**Outlook**

In general, we are really satisfied with the result of our project. As we mentioned before our software is more of a proof of concept that shows that this idea could actually be used. But there are still some problems that need to be fixed first and functionalities that could be improved.

**Problems:**

First of all, there is the problem with the training data. A possible solution would be to make an app for students that allows them to capture training data for the database themselves. Also, there is the problem with the inaccuracy of the recognition. This problem could be solved by switching from OpenCV to for example TensorFlow. Another problem solving approach would be to normalize the pictures captured in the training mode to possibly increase the accuracy of the detection.

**Improvements:**

There are also some functionalities that could be improved in the future. One idea would be to collect more data about the students attendance. For instance we could save the times when students were first and last recognized. That way the professor can also know if a student was late or left early. It would also be useful to add more options to the options menu so the professor can for instance change camera settings like: resolution, framerate, brightness, contrast, etc.