Until now, we have done the basic work for building the CNN. In the future, we will mainly focus on these four tasks:

1. Optimize the parameter of the CNN and the pre-process of input image data
2. Train multiple CNNs (about 5 - 10) and use the method similar to linear regression to combine these CNNs into a whole classifier
3. Work on auto-encoder and use it on the building of CNN
4. Try different kinds of combination (For example, using or not using auto-encoder) to evaluate their performance and find out the best structure for human emotion classification. We will also perform some data visualization.

Since there is a long holiday next week, we believe we can spend more time on the project. We believe we can finish the project on time.