**\*Human Face Characteristics exploration**

**\*Model performance on face characteristic classification**

Deadline: Thursday 11:59pm Meeting: Friday 1pm

**The first week task:**

1. Labeling

2. Upload image

3. Research models:

SVM (Oxana)

CNN (Thomas)

Gradient Boosting (Yinzi)

Random forest (Jenifer)

haar cascade (Oxana)

sift

surf

vgg

**The second week task:**

4. Implement A/B model

5. Evaluation

6. pick the best model

7. Paper (if needed)

8. The model of improvements, Normalization, Regularization, hyperparameter tuning.

**The Third week task:**

8. debugging

9. feature interpretation

10. visualization and explanation

**May 15: Project Presentation**