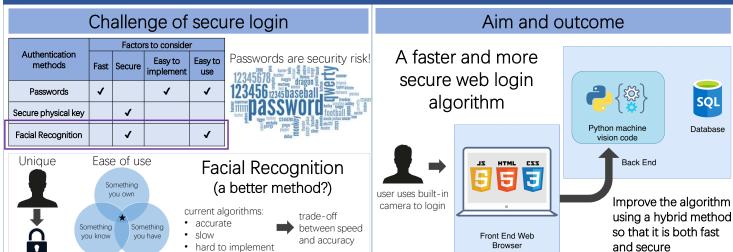
Facial Recognition System

Zhu Yuqing

Background and Objective



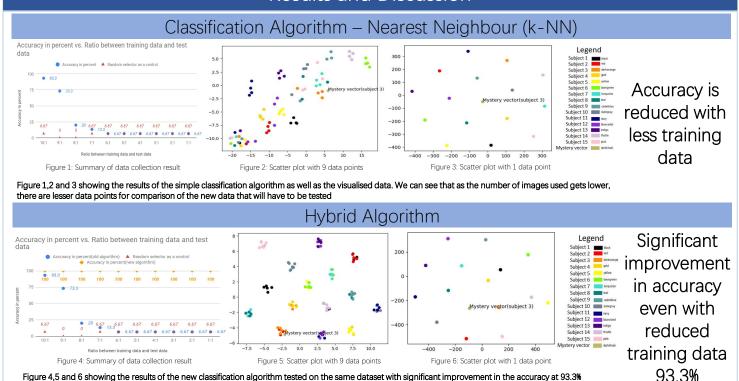
Methodology

- (1) Design classification algorithm
- (2) Test image classification accuracy with Yale Face A dataset

Scale algorithm to use in web login

Test accuracy of new

Results and Discussion



Conclusion and Further research

Hybrid algorithm

≘ିଁଶା Faster



Future Work

Improve low light performance of the algorithm

References

Picheta, R. (2019, April 23). How hackable is your password? Retrieved from CNN business: https://edition.cnn.com/2019/04/22/uk/most-common-passwords-scil-gbr-intl/index.html
Belhumeur, P., Hespanha, J., & Kriegman, D. (1997). Eigenfaces vs. Fisherfaces:

Recognition Using Class Specific Linear Projection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 711-720.