Mini project 1

Deadline: Sep 10

Task 1: Face verification

8 marks

- Implement a face verification system on all the members of the class

- Compare the performance of three models

  - PCA model

  - Auto encoder model

  - 128 dim vector (using Open Face recognition toolbox / any other DNN based network)

- Optional dataset:
  https://drive.google.com/drive/folders/1-vXd9v3DPDhgfyE-i4jovSxYWKWjwg YA2usp=sharing

Task 2: Face Jewellery

12 marks

- Augment a jewel on the nose of a user real-time

- Document your approach and performance observations

- Note: Report writing carries marks along with your demo and code