How multiple_faces.py works

Input

ex label:
'sec5_dana.jpg'

Student
pictures

Detection
Model 2

Identify & Train Faces

Set A
- Create ID Numbers
  - Store Names

Input

Class
Screenshot

Detection
Model 3

Identify Faces

Set B
- Create ID Numbers
  - Head Pose
    - Smile
  - Emotions

Test for
similar faces

- Some names found
  Some names unknown
  Get confidence values for matches
  Map the known names with confidence
  *** All faces are given set B IDs ***
  Get coordinates of faces

Output

1. Reformat output
2. Plot squares around faces
3. Output data to 'output.csv'