Final Project Progress Report 2

Please make this document anonymous.

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Progress Report Instructions

Before writing your progress report, you should have met with your TA and talked through your progress.

Restate the goal of the project succinctly.
The goal of the project is to anonymize people's faces by replacing their face with one from a dataset of computer generated faces. *What individual tasks have been accomplished?*
A: Trained VVG model on gender classification dataset to achieve 94% accuracy, checked results with Tensorboard.
C: Finished faceswap step that takes the face of one person and places it on the head of another
J: Started work on algorithm to identify whether a face is showing teeth or not.

What are the current tasks?
A: Running the randomly generated faces dataset through the VVG model and storing classifications in a JSON file.
C: Finish cleaning up the code for the faceswap, work on finding a new model to more accurately detect angles and skin tones.
J: Finish teeth detection, hook the face swapping code up to the frontend.

What are the next steps?
One next step is to finish running the dataset of randomly generated faces through the trained VVG model to classify each face by gender and store this information in a JSON file. We will also store information about whether a face is smiling with teeth or not in this JSON file. This will allow us to eventually choose the best randomly generated face to anonymize someone's face.