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Meeting Minutes - @01/05/2022

Chair: Kelin "Colin" Zhu

Secretary: Pham Gia "Alan" Nghi

Members:

- a1829445, Kelvin, Ting

- a1808891, Pham Gia "Alan" Nghi

- a1805827, Kelin "Colin" Zhu

Time and Place

Meeting on Zoom between team members on the 1st May, 2022

Purpose

- Checkup on the progress of the milestone.

- Update the whole team about the processes of the data generator and the trained machine learning model.

- Inform the team about the current status on the image generation on why we should use different approach.

Outcome

- Finalise the categories.

- The easiest dataset has the highest accuracy.

```
Epoch: 13 Training loss: 0.059565 Training Accuaracy: 98.6% Validation loss: 0.065002 Validation Accuaracy: 98.3%
```

```
Test Accuracy:
 race: 97.4%, gender: 98.2%, hair_style: 98.0%, hair_color: 94.8%, hair_len: 95.4%, top: 98.6%, top_color: 89.2%, bottom: 96.8%, bottom_color: 81.4%
, footwear: 99.8%, footwear_color: 96.4%, accessory: 100.0%, accessory_color: 100.0%, Test avg loss: 0.164700
```

```
Test Accuracy:
race: 100.0%, gender: 99.6%, hair_style: 100.0%, hair_color: 100.0%, hair_len: 99.8%, top: 99.8%, top_color: 97.4%, bot
om: 100.0%, bottom_color: 95.4%, footwear: 98.8%, footwear_color: 98.0%, accessory: 100.0%, accessory_color: 99.6%, Tes
avg loss: 0.029610
```

- Testing the JSON output

```
{
  "text": "An Asian person has tanktop with the color green, green trousers and red sandals, has long hair. The person also carries
  "race": "Asian",
  "gender": "NA",
  "hair_style": "NA",
  "hair_color": "white",
  "hair_len": "long",
  "top": "tanktop",
  "top_color": "green",
  "bottom": "trousers",
  "bottom_color": "green",
  "footwear": "sandals",
  "footwear_color": "red",
  "accessory": "handbag",
  "accessory_color": "orange"
},
```