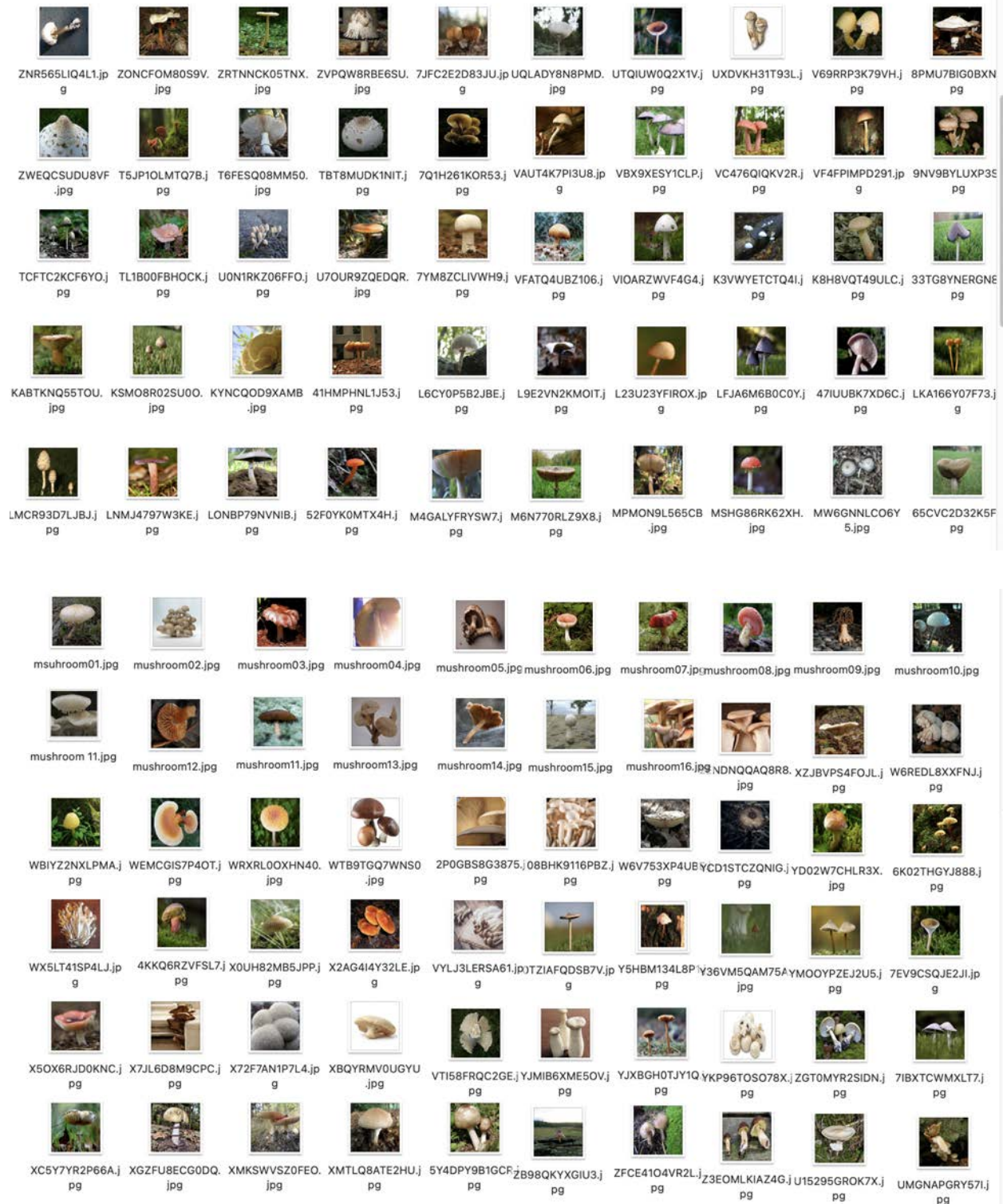# Start Testing (July- August)

The purpose of this stage

1. Organize the dataset (mushrooms)

2. Blender builds the female body

3. Complete the fusion of the female body with the mushroom

4. Display of final results

5. Design the mushroom women style

1. Organize the dataset (mushrooms)

ZNR565LIQ4L1.jpg ZONCFOM80S9V.jpg ZRTNNCK05TNX.jpg ZVPQW8RBE6SU.jpg 7JFC2E2D83JU.jpg UQLADY8N8PMD.jpg UTQIUW0Q2X1V.jpg UXDVKH31T93L.jpg V69RRP3K79VH.jpg 8PMU7BIG0BXN.jpg

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TCFTC2KCF6YO.jpg TL1B00FBHOCK.jpg U0N1RKZ06FFO.jpg U7OUR9ZQEDQR.jpg 7YM8ZCLIVWH9.jpg VFATQ4UBZ106.jpg VIOARZWVF4G4.jpg K3VWYETCTQ4I.jpg K8H8VQT49ULC.jpg 33TG8YNERGNE.jpg

KABTKNQ55TOU.jpg KSMO8R02SU0O.jpg KYNCQOD9XAMB.jpg 41HMPHNL1J53.jpg L6CY0P5B2JBE.jpg L9E2VN2KMOIT.jpg L23U23YFIROX.jpg LFJA6M6B0C0Y.jpg 47IUUBK7XD6C.jpg LKA166Y07F73.jpg

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msuhroom01.jpg mushroom02.jpg mushroom03.jpg mushroom04.jpg mushroom05.jpg mushroom06.jpg mushroom07.jpg mushroom08.jpg mushroom09.jpg mushroom10.jpg

mushroom 11.jpg mushroom12.jpg mushroom11.jpg mushroom13.jpg mushroom14.jpg mushroom15.jpg mushroom16.jpg NDNQQAQ8R8.jpg XZJBVPS4FOJL.jpg W6REDL8XXFNJ.jpg

WBIYZ2NXLPMA.jpg WEMCGIS7P4OT.jpg WRXRL0OXHN40.jpg WTB9TGQ7WNS0.jpg 2P0GBS8G3875.jpg 08BHK9116PBZ.jpg W6V753XP4UB.jpg YCD1STCZQNIG.jpg YD02W7CHLR3X.jpg 6K02THGYJ888.jpg

WX5LT41SP4LJ.jpg 4KKQ6RZVFSL7.jpg X0UH82MB5JPP.jpg X2AG4I4Y32LE.jpg VYLJ3LERSA61.jpg TZIAFQDSB7V.jpg Y5HBM134L8P.jpg Y36VM5QAM75A.jpg YMOOYPZEJ2U5.jpg 7EV9CSQJE2JI.jpg

X5OX6RJD0KNC.jpg X7JL6D8M9CPC.jpg X72F7AN1P7L4.jpg XBQYRMV0UGYU.jpg VTI58FRQC2GE.jpg YJMIB6XME5OV.jpg YJXBGH0TJY1Q.jpg YKP96TOSO78X.jpg ZGT0MYR2SIDN.jpg 7IBXTCWMXLT7.jpg

XC5Y7YR2P66A.jpg XGZFU8ECG0DQ.jpg XMKSWVSZ0FEO.jpg XMTLQ8ATE2HU.jpg 5Y4DPY9B1GCF.jpg ZB98QKYXGIU3.jpg ZFCE41O4VR2L.jpg Z3EOMLKIAZ4G.jpg U15295GROK7X.jpg UMGNAPGRY57I.jpg

I found some databases of mushrooms, and in order to better style the design, I cropped each picture and displayed it to a 512X512 specification

The source of mushroom image:

https://www.kaggle.com/datasets/uciml/mushroom-classification

https://images.cv/dataset/mushroom-image-classification-dataset

https://archive.ics.uci.edu/ml/datasets/mushroom

https://nautil.us/the-mushrooms-small-stature-and-subtle-strength-11060/

2. Blender builds the female body

I found Katie Tindle's artwork from the Internet discussing medical imaging techniques, through blender's female figure assets, pairs of images are rendered, each pair is resized and concatenated into a single image using PIL, and used Training pix2pix model on Tensorflow's Google Colab

I use it as an inspiration reference for technology, and I also create images of female bodies through the plug-in of HumGen with Blender, and I think that the female body created by the model is also the standard beautiful body of women under the consensus of human beings by technology, so it is more suitable for my theme.
I rendered the model of the female figure from Blender and cropped it to a 512X512 image size.

The reference:

http://doc.gold.ac.uk/compartsblog/index.php/work/they-were-expected-to-see-what-stuff-she-was-made-of/

body1.png

bodyphoto1.png

bodyphoto2.png

bodyphoto3.png

bodyphoto4.png

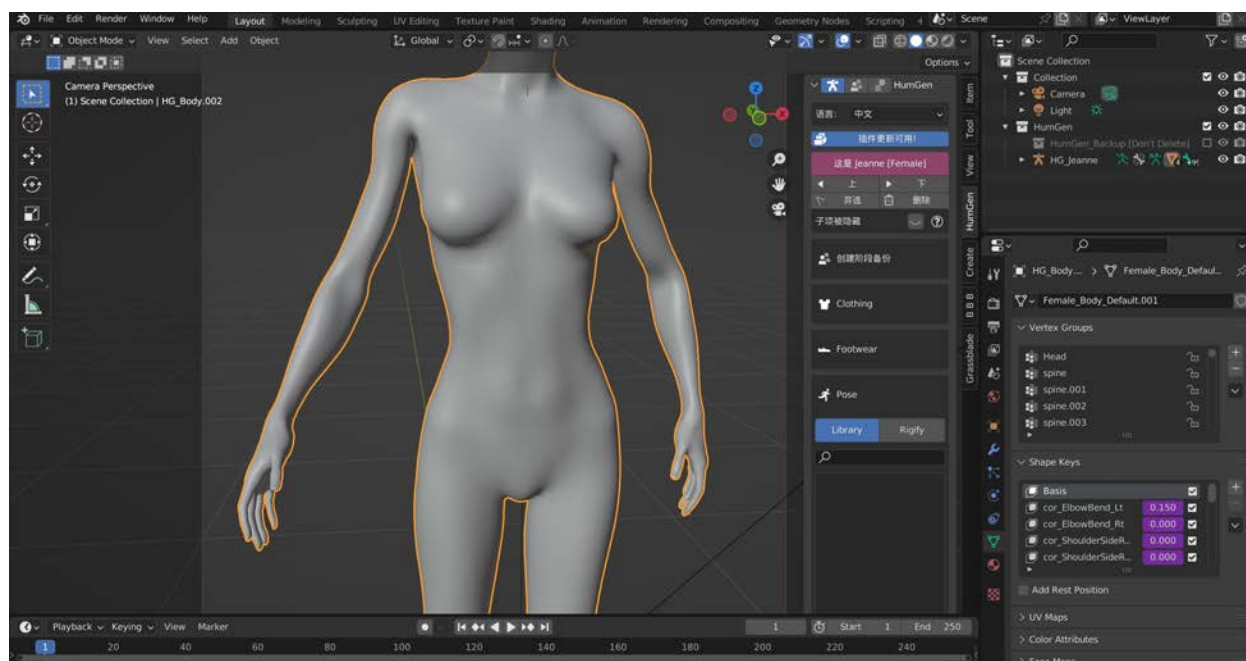bodyphoto5.png

bodyphoto6.png

bodyphoto7.png

bodyphoto8.png

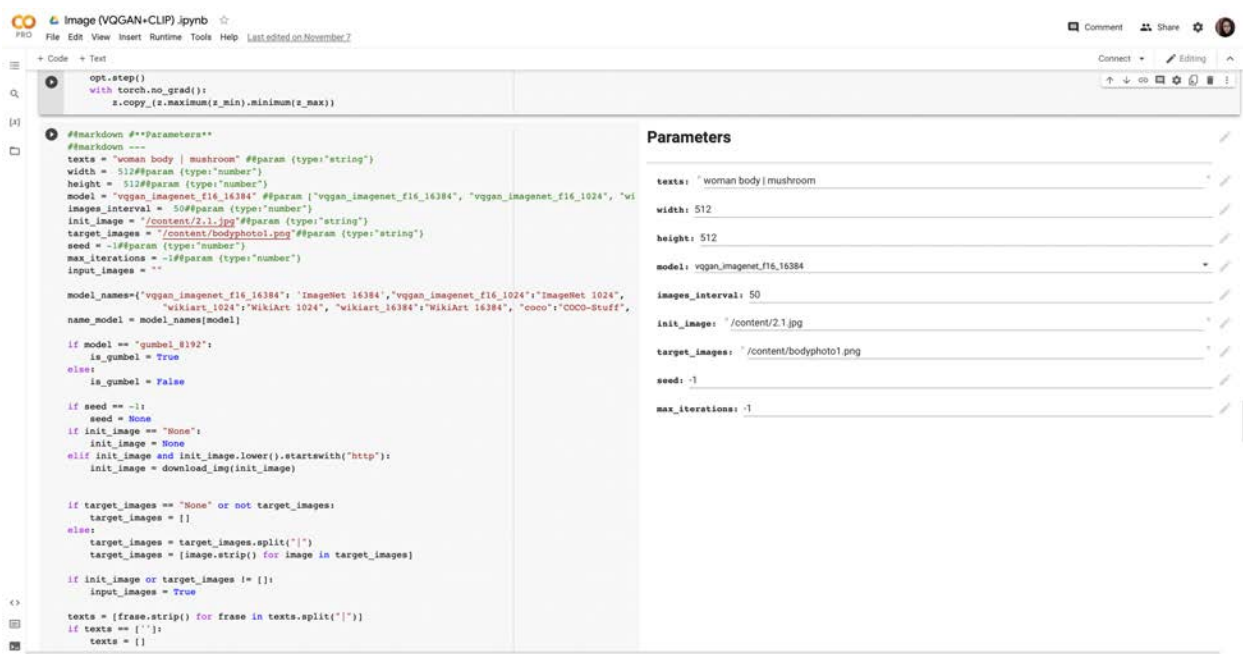bodyphoto9.png

bodyphoto10.png

bodyphoto11.png

3. Complete the fusion of the female body with the mushroom

Comparing different machine learning models, I chose VQGAN+Clip model and combined the photo of mushroom with some rendered image of female body on tensorflow

I also chose "Woman Body | mushroom", this texts to better help my final machine learning video present the effect which combined with the mushroom images and woman's body images

The source of VQGAN+Clip model :

https://colab.research.google.com/drive/1GvcWpWBiuw21XH0xhuCmxfAcj9xDOkwM

4. Display of final results

I have created almost 20 machine learning video after training

5. Design the mushroom women style

I found some reference about the mushroom woman style and then create the moodboard

Amanda Hewitt sculptures.jpg

Fantasy Woman Mushro...abay.png

Generated by DALL·E.webp

Intuition by youreye...ntArt.jpg

Mushroom Forest Set On...ration.jpg

MUSHROOM GIRL High Qu...rway.jpg

Mushroom girls.jpg

Mushroom Lady Matte Vi...er A.jpg

Photo.jpg

Sexy mushroom girl Digit...ixels.jpg

The Mushroom by cennie o...tArt.jpg

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This contains an image o...rblog.jpg

This contains an image o...h Mu.jpg

This contains an image of.jpg

Wang Xiao Charles...Anne.jpg

And i am big fan of Xiaojing Yahn ,she create 《Lingzhi Girl》, the appearance of that artwork let me have some inspiration

The source :

https://www.artnews.com/art-in-america/features/mushrooms-as-metaphors-urbonas-studio-tj-shin-xiaojing-jan-1234614585/
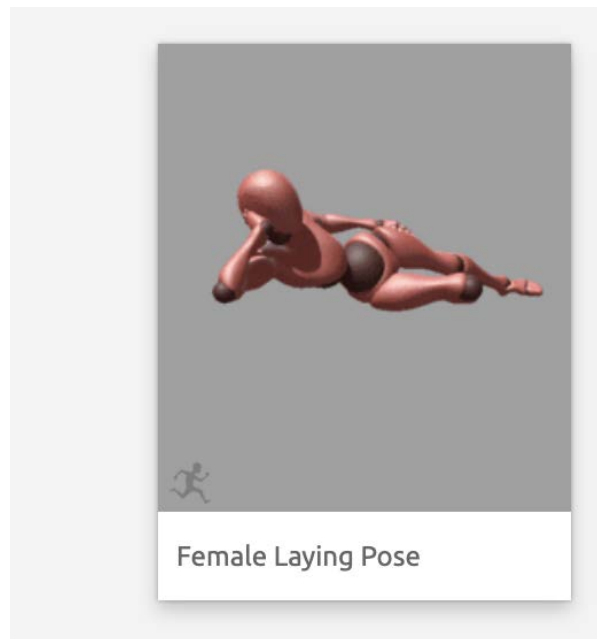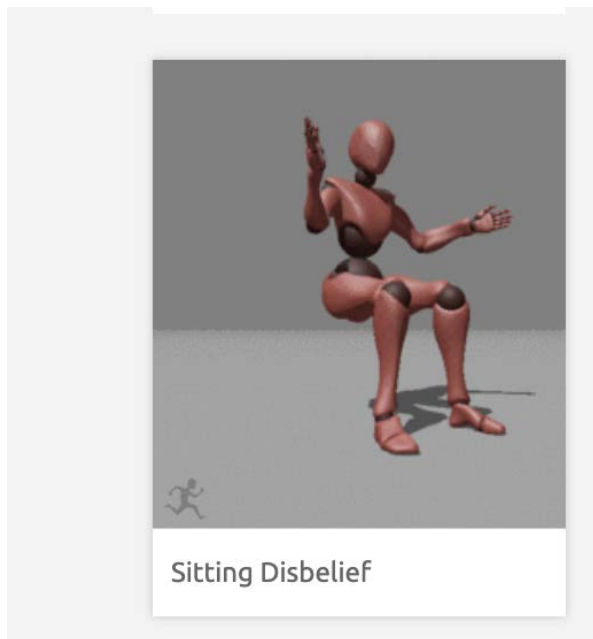
https://www.youtube.com/watch?v=XapPJWbs4rM

And i have created it by blender 👇

I also find one video which taught me how to grow some plants on one object , so i decided to make my mushroom women with the growing flowers and mushroom on her body

And i also through Mixamo to find my favorite pose，which i can put into my two video scene

Sitting Disbelief

Female Laying Pose

Then i have created my mushroom women style 👇😊