Virtual Try On

Group 10

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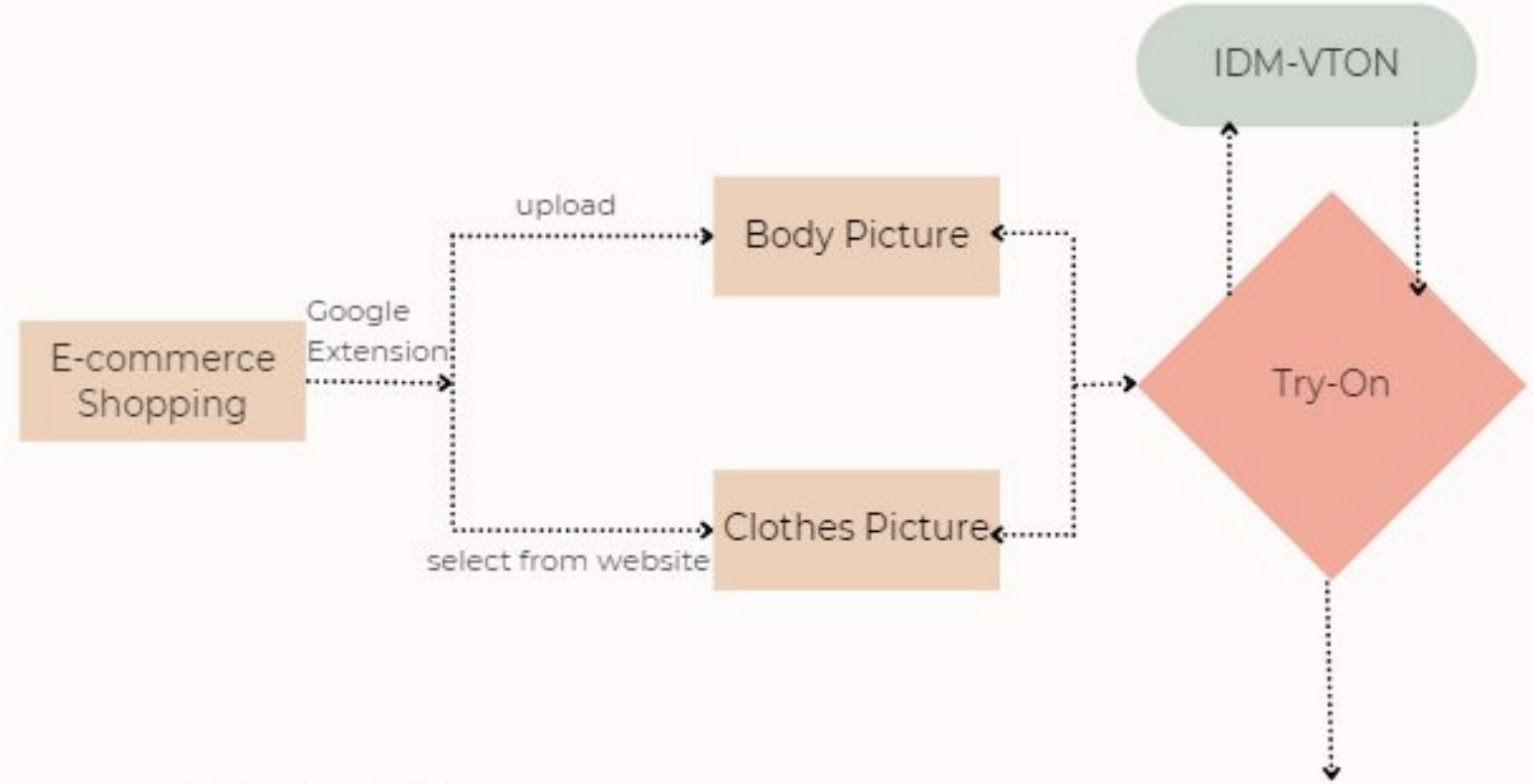
Outline

Problem:

- Finding the suitable style
- The final outlook of the clothes

Solution:

- Create easy way of picking clothes
- Platform for final outlook display



TRY-ON
FLOWCHART

Implementation

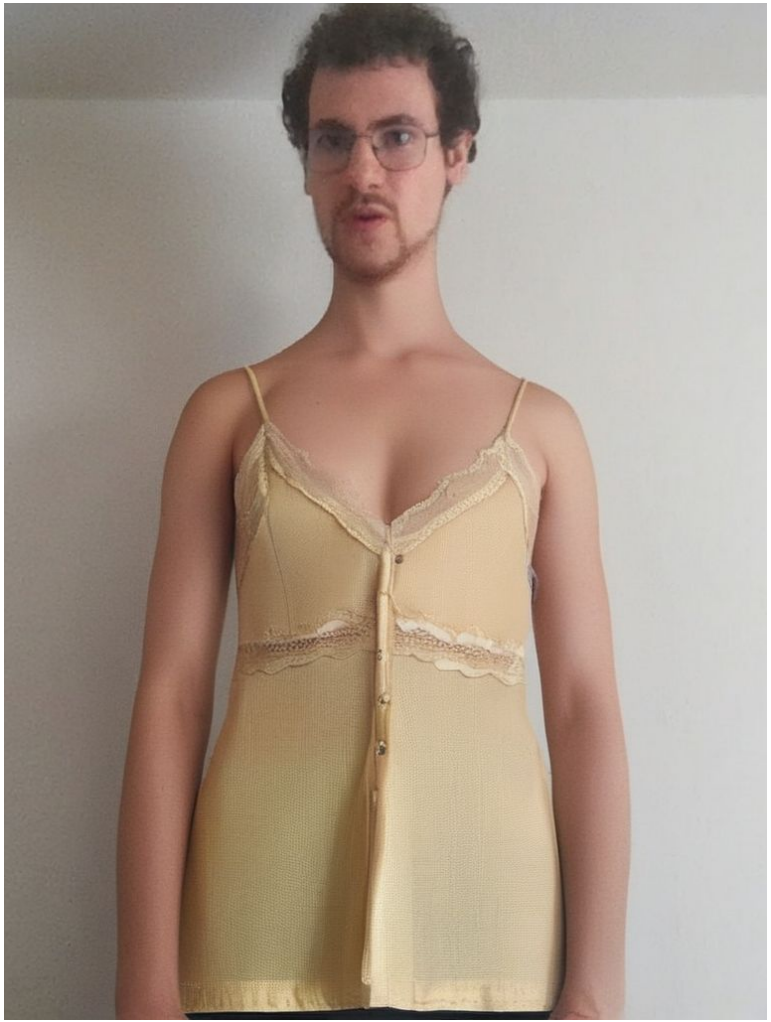
DEMO

Related Work – Virtual Try On

IDM-VTON[1]: Uses **Self-attention** layer and **Cross-attention** layers to encode low-level features and high-level features. Encoder for clothes description

[1] Improving Diffusion Models for Authentic Virtual Try-on in the Wild , Yisol Choi , Sangkyung Kwak , Kyungmin Lee, Hyungwon Choi , and Jinwoo Shin Korea Advanced Institute of Science and Technology (KAIST)

Results




iHeart
RADIO


iHeart
RADIO

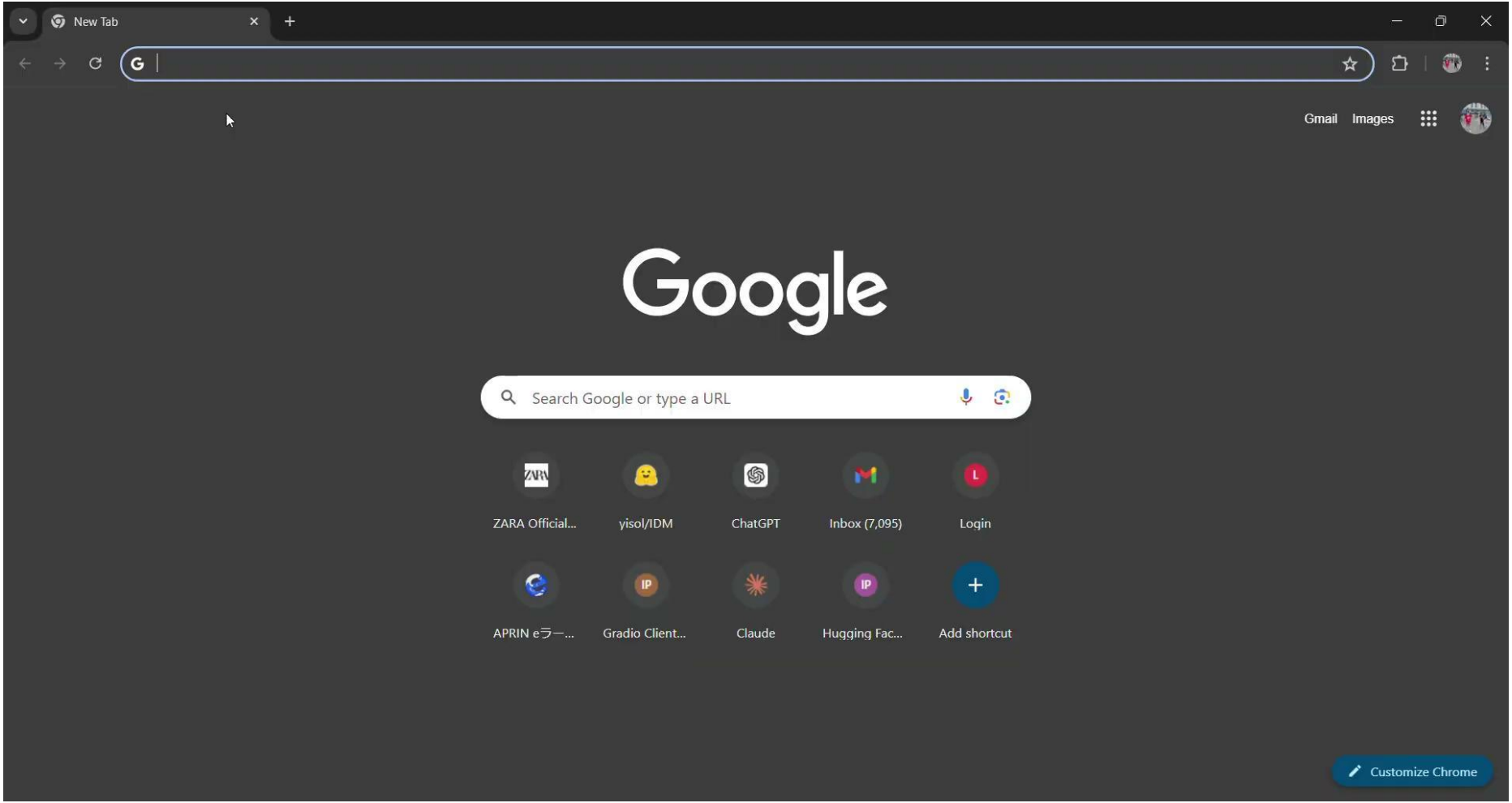
Limitation

- Tatoo
- Logo
- Upper body top
- Clothes size

Future Work

- Adding text prompt to make result accurate
- generating matching items
- random try-on recommendation

Thank you for the attention!


New Tab
Gmail
Images
Google
Search Google or type a URL
ZARA Official...
yisol/IDM
ChatGPT
Inbox (7,095)
Login
APRIN eラー...
Gradio Client...
Claude
Hugging Fac...
Add shortcut
Customize Chrome

Metrics

- Peak Signal-to-Noise Ratio (PSNR)
- Structural Similarity Index (SSIM):
  - **Better** correlated with human perception
- User Satisfaction etc.