

AI-Engineering Assignment

Task :

Objective:

Develop a feature where a human photo can be uploaded, and the system automatically generates a clean, 3D Disney Avatar of an deployed on an image.

Input:

- 1.The input image should be in following format only (JPEG/PNG)
- 2.Image should be validated for quality (minimum resolution check, face detection).

This is the Input image for reference:



Input:

The output image should I have seamless Disney Avatar of input face image
Input template image:



Output : replace the Avatar over the chid face in the template.

Key-Points to Remember:

- 1.No deformation should be taken place after transformation.
- 2.age and gender should be detected accurately before performing transformation.
- 3.works with different skin tone , hair , shape ,age group , gender and alignment of an input image.
4. Input image background is transparent (PNG /JPEG)

Deliverables:

1. Create separate GitHub repo and upload your solution their make sure the GitHub repo is public.
2. Make sure you create **README.MD** file for the solution . Explain the approach in detail what models and API used.
3. Create the **video** with complete functionality.