

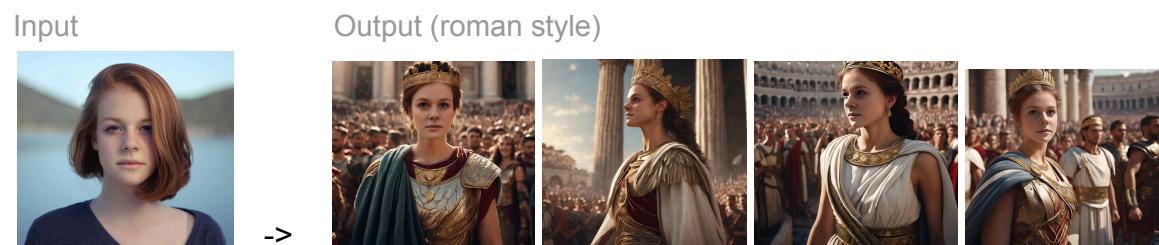


# AI Technical Test

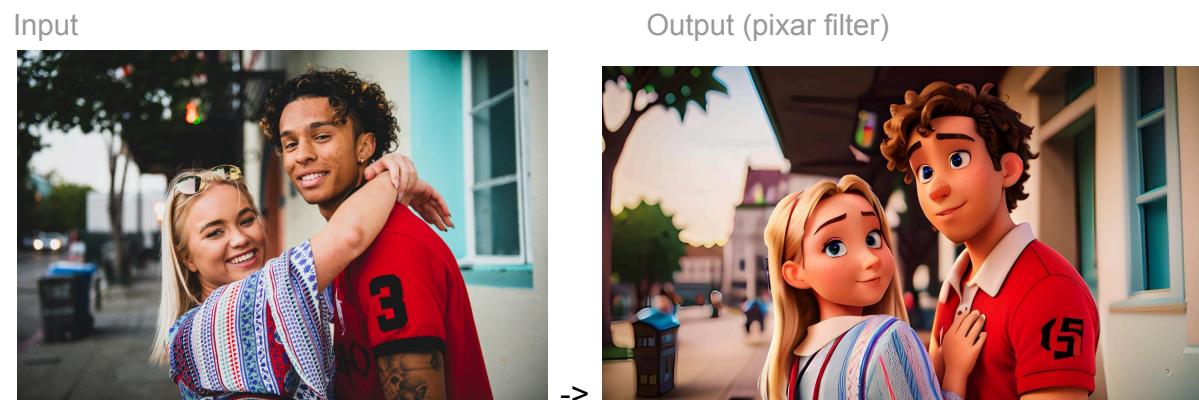
## Primary Task

The goal of this test is to create a basic image generation program using AI. The candidate can choose one of the following two options:

- **Option A (Avatars)** : Provide the program with a **portrait image** of a person, select a **style** (roman, fantasy, linkedin, wizard, superhero, etc) and then generate avatars of that person in the selected style.



- **Option B (Transfer style):** Provide the program with an **image** (person, landscape, object, etc), select a **style** (pixar, pixel art, vice, anime, etc), and then regenerate the image with the selected style.



## Bonus Task

Feel free to approach this project with creativity. While developing this task, If you come up with any other interesting feature to showcase your skills and knowledge, you have complete freedom to include it. We will highly value it.

# [LABHOUSE]

## Technical Requirements

- To generate the images, you can create your own models, use open source models, use existing AI tools (like Stable Diffusion or Midjourney), or any custom program, technology and source code that you find useful. And also a combination of the above methods.
- There should be clear instructions of how to run the program.
- We value code legibility, structure, robustness, and clean architecture.

## Delivery

The expected completion time for this project is one day, and we request that you upload all your code in a public Github repository.

Submit the final delivery by sending us an email with:

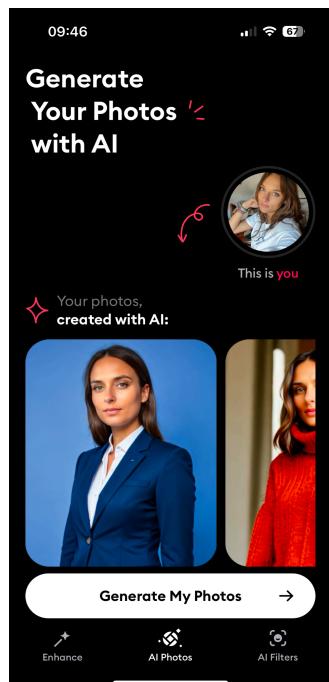
- 1- the repository link where the code is hosted
- 2- a video demo recording of an execution of the program with the results

**We will not review a delivery without these 2 requirements.**

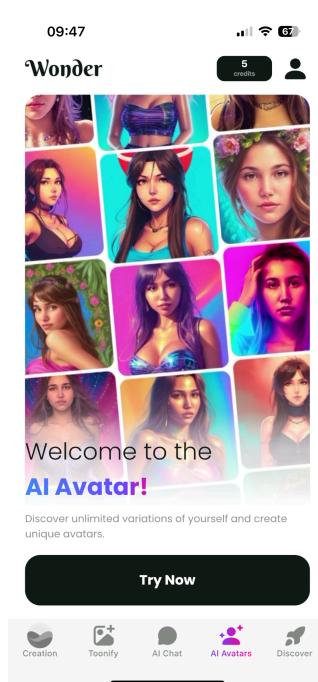
## Extra information

Here are some apps that have similar features, we encourage the candidate to try them to understand better the use case:

### 1. Remini



### 2. Wonder



### 3. Arta AI

