ADL – Lab 2
Theoretical Task

Engine: OpenAI DALL-E

Prompt: Show me a picture of people in a group sitting in the park

There are a lot of inconsistencies:
- Faces don't look real (especially eyes, mouth)
- Guy in first row, right hand doesn't look right
- Shadows don't really look real
- Everyone has quite the same pose
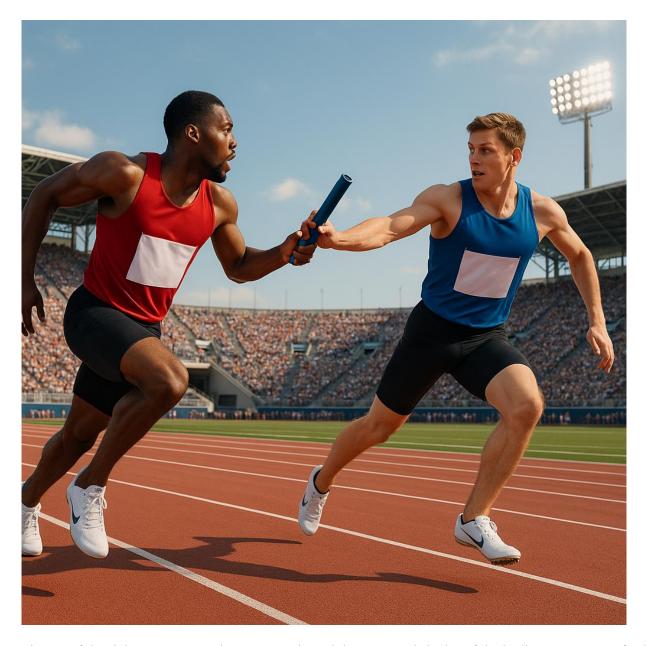- Fingers don't look real

Picture were generated with ChatGPT-4 which uses DALL-E 3
Picture 1

Even though the picture looks really realistic, there are a few things that look a bit off. The mouths of every person seem to not perfectly fit the person, the mimic is pretty much the same for every person and the laugh seems a bit exaggerated. Another thing to notice is that the hands holding the beer glass have some "bugs". You can see this especially at the guy's thumb in the foreground. It seems like there was a small mistake/misalignment when the photo got generated. Also the body composition seems to be fairly similar in each person. Even the lower arm of the girl is similar to the guys forearms.
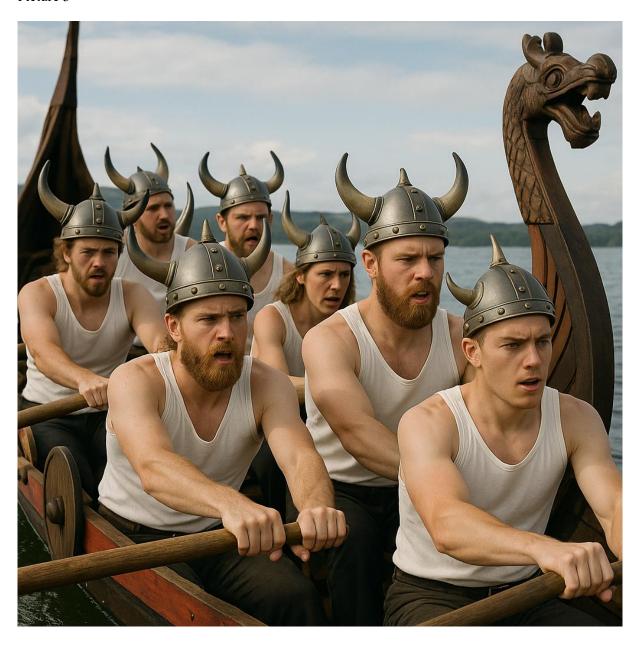
The same happens in the other pictures. The mouths and hands of people are a bit off. The rest of the pictures always look pretty realistic. I think this happens because hands and mouths in particular have very many slightly different shapes and appearances. Bodies look relatively the same in every situation. But hands and mouths are different in every situation and very dependent on the angle of view, etc. Details are very important in both cases. As a result, the model only learns the two body parts approximately or does not manage to generate them realistically.

Picture 2

Fingers of the right men are not shown correctly and the tones and shades of the bodies seem not perfectly fit to the background.

Picture 3

Faces are similar. Two faces are the same. Shades and lights do not fit.

Picture 4

No shades of the bodies, background seem as artificial because of it. The light reflection is different for the people.

Picture 5

They look like twins; the only difference is the color of their cloths. Even the mouths look same. A particularly noticeable error is the lack of detail on one of the men's skis.