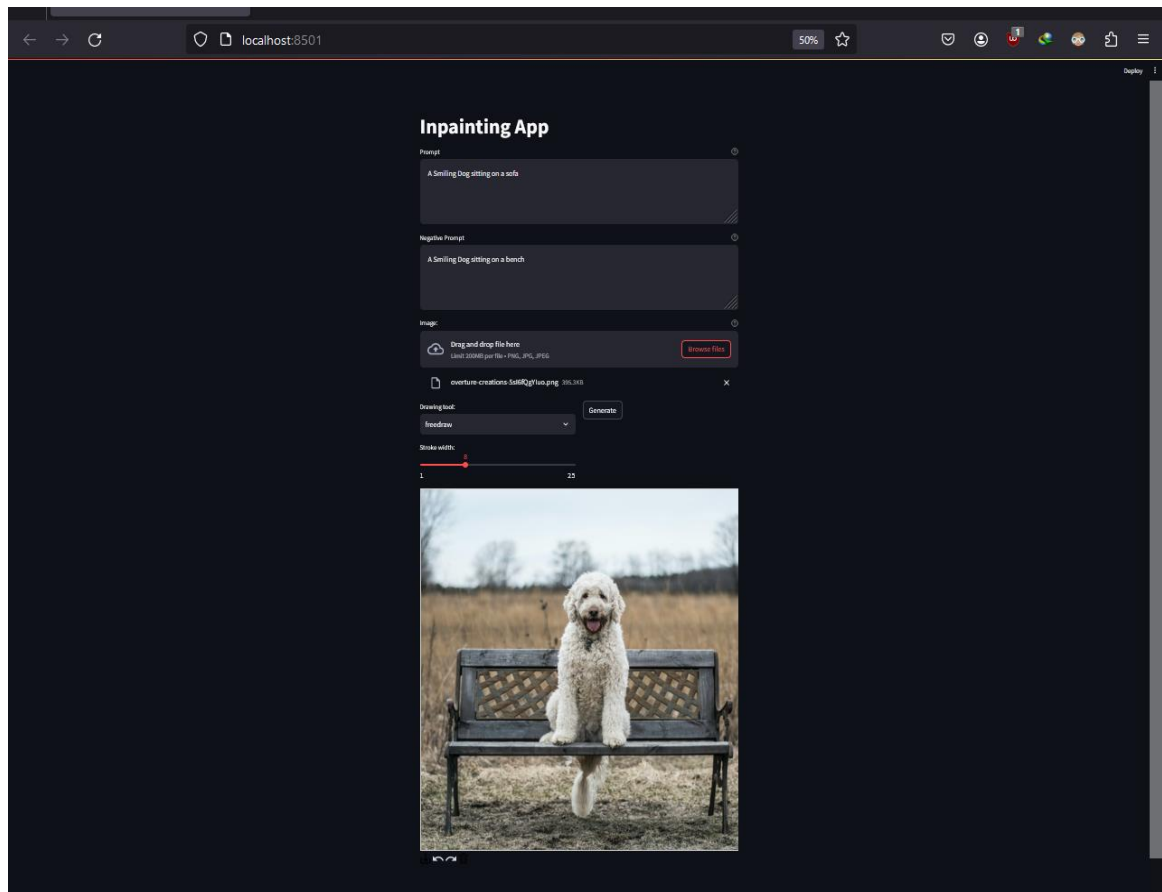


## Task 1: Image Generation

For this task I used Stable Diffusion pretrained model for inpainting where you upload an image and give it a prompt where you outline a mask within the uploaded image to change it into another object.

By using "runwayml/stable-diffusion-inpainting" by HuggingFace .

It worked well for uploading and entering the prompt and the negative prompt , it worked well also for highlighting the mask within the uploaded image , but unfortunately due to my device lack of CPUs and GPUs capalities , I couldn't get the output due to run time error and lack of storage in the device. The model worked very well without any logical errors though as you can see from the screenshot snippet here.



## Resources :

[runwayml/stable-diffusion-inpainting • Hugging Face](#)

[Beginner's guide to inpainting \(step-by-step examples\) - Stable Diffusion Art \(stable-diffusion-art.com\)](#)

[Let's Understand Stable Diffusion Inpainting | by Vadim Titko | AIBY | Medium](#)

[runwayml/stable-diffusion: Latent Text-to-Image Diffusion \(github.com\)](#)