

Name: Shengquan Ni

ID: 46564157

I'm the leader of our team. I adapt the code for the Unet/Resnet Generator and the Discriminator. I also write the code for U-Resnet Generator. I read search papers on GAN studies, teach our team members the idea of different GANs and tell them what they need to do. After receiving the code for util functions from Yangguang and the training script from Changchuan, I integrate their code into a single pipeline in one Jupiter notebook file. I also did a little debug work for their code in order to make everything work correctly. I write the "Introduction and Problem Statement" part of the report since I introduce the project to my teammates, and the "Description of Technical Approach" part of the report, which describes the working principle of our SketchGAN with a flow chart, how and why we change our architecture and loss functions in our SketchGAN. In addition, I write the "Discussion and Conclusion" part, express some thoughts about this project.