

Constraint Essay

SEMN

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Legal

Our project has legal limitations due to the nature of using an already established image generation model such as Stable Diffusion. This model will be used in our application that is distributed publicly to users. Legal issues can arise when distributing our application that uses a model not owned by ourselves.

Security

The security concerns of our project include the saving and storage of personal photos. If sensitive photos of a user or another are desired to be saved under a user's profile they must be secure from attacks. With a lack of database or application design experience we are at risk of security vulnerabilities.

Social

Our project will be used as a public service as people will use the application to build customized backgrounds for themselves. It will not be used to gain any profit. The application will have a benefit to society in a small way by allowing people to create fabricated backgrounds of whatever they would like to and bring them a small amount of joy in their day-to-day lives. This will provide a small enhancement in people's quality of life.

Ethical

Our project will allow users to upload images of their choosing to create objects to use in prompts. This can cause ethical dilemmas of using photos of other people without their explicit consent.