Assignment #7 Constraint Essay

There are certainly limitations to our project, as well as concerns we must address before its completion. The first concern is an ethical one, allowing people to create an AR effect using pictures they take of their surrounding era creates the opportunity for unintentional doxxing. We need to make sure there are security measures in place to guarantee people's security and anonymity. An implementation of a facial recognition software that blurs peoples faces would be an ideal combatant to this problem.

The next concern is also ethical, which is that when pictures are involved you could also have inappropriate photos be taken, we need to make sure that any graphic photos are not able to be platformed on our application. Similarly to the face issue, some sort of recognition software should be implemented before a widespread launch. Another more short term option could be some 2-factor authentication to post. Ensuring a friend approves of the image not only decreases incentive to post inappropriate photos, but also gets more people to join the application.

Culturally it is good to consider multiple language adaptations for our application, in order to allow people around the world to be able to access the art and interact with it in a way that is not reliant on them being familiar with English. We can address this via translation options in the comments, or maybe limiting comments and instead shifting focus to images/emoticons as the primary form of communication.

As with any app, security is absolutely an issue. We want to make sure any account information and location information of our users is safe. Data security will need to be a primary focus of our application if we want to launch more expansive testing/implementation of the media. We will need to research modern security practices to protect people's information effectively.