Our project name is Emojify. In our project, we change people's faces into a cartoon avatar or emoji with his/her facial emotion like angry, sad, smiley, etc. Sometimes we see that many advertisements videos or any kind of live stream actor don't want to show their face. In some cases, they realize that if the viewer sees their reaction about this product it will be most understandable to the viewers.

For time limitations in this project, we don't make any product. We will try to make a system for doing this. This system might be used in social media or youtube for live streaming, advertisements videos to hide the actor's face, and show actors emotions like sad, angry, disgust, happy, etc with an avatar image instead of their face.

In this project, I realize that we need to work on computer vision, convolutional neural networks(CNN), some machine learning algorithms, and may need dataset analysis. From these, I am interested to work with CNN and some machine learning algorithms which are needed to complete our project.

For this project, I need to learn about CNN. For learning this I need to estimate 40 Hours and for completing my part of this project I need to estimate 30 Hours.