LEAPMOTION FINGER PAINTING

# Description

We have created an interface where the user can perform functions similar to that of MS paint, but remaining completely touch-free using the LeapMotion sensor provided.

# Functionality

## 1.1: Drawing

The user can draw on the screen by making a pinching motion with their dominant hand (applying force and connecting the pointer finger and thumb)

## 1.2: Erasing

The user can erase the current drawing by making a fist with their non-dominant hand.

## 1.3: Changing Brush Size

The user can increase the brush size by making a key tap gesture with their right hand. They can decrease the brush size by making a key tap gesture with their left hand. The size of the brush will reflect in the small frame in the top right of the interface.

## 1.4: Changing Brush Color

The user can change the color of the brush by making a circular motion with their non -dominant pointer finger. The color change will reflect in the frame in the top right of the interface.

## 1.5: Importing an Image

The user can import their own image file by selecting Image > Import Image in the menu bar. After selecting the file, making a fist with the non-dominant hand will load the image into the interface.