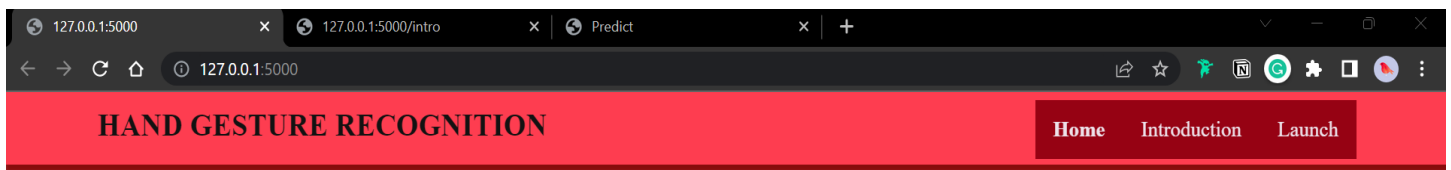


Project Development Phase

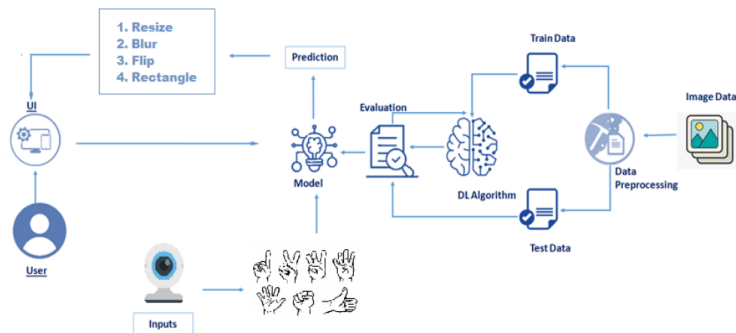
Sprint - 3

Date	11 November 2022
Team ID	PNT2022TMID35818
Project Name	A Gesture - Based Tool for Sterile Browsing of Radiology Images

Webpage using Flask:



HAND GESTURE RECOGNITION OF RADIOLOGY IMAGES THROUGH STERILE BROWSING



Introduction Page:

127.0.0.1:5000

127.0.0.1:5000/intro

Predict

127.0.0.1:5000/intro

Hand Gesture System

Home Introduction Launch

INTRODUCTION

Humans are able to recognize body and sign language easily. This is possible due to the combination of vision and synaptic interactions that were formed along brain development. In this project Gesture based Desktop automation, First the model is trained pre trained on the images of different hand gestures, such as a showing numbers with fingers as 1,2,3,4. This model uses the integrated webcam to capture the video frame. The image of the gesture captured in the video frame is compared with the Pre-trained model and the gesture is identified. Based on Gesture result, Image is modified.

Prediction Page:

127.0.0.1:5000

127.0.0.1:5000/intro

Predict

127.0.0.1:5000/image1

Hand Gesture System

Home Introduction Launch

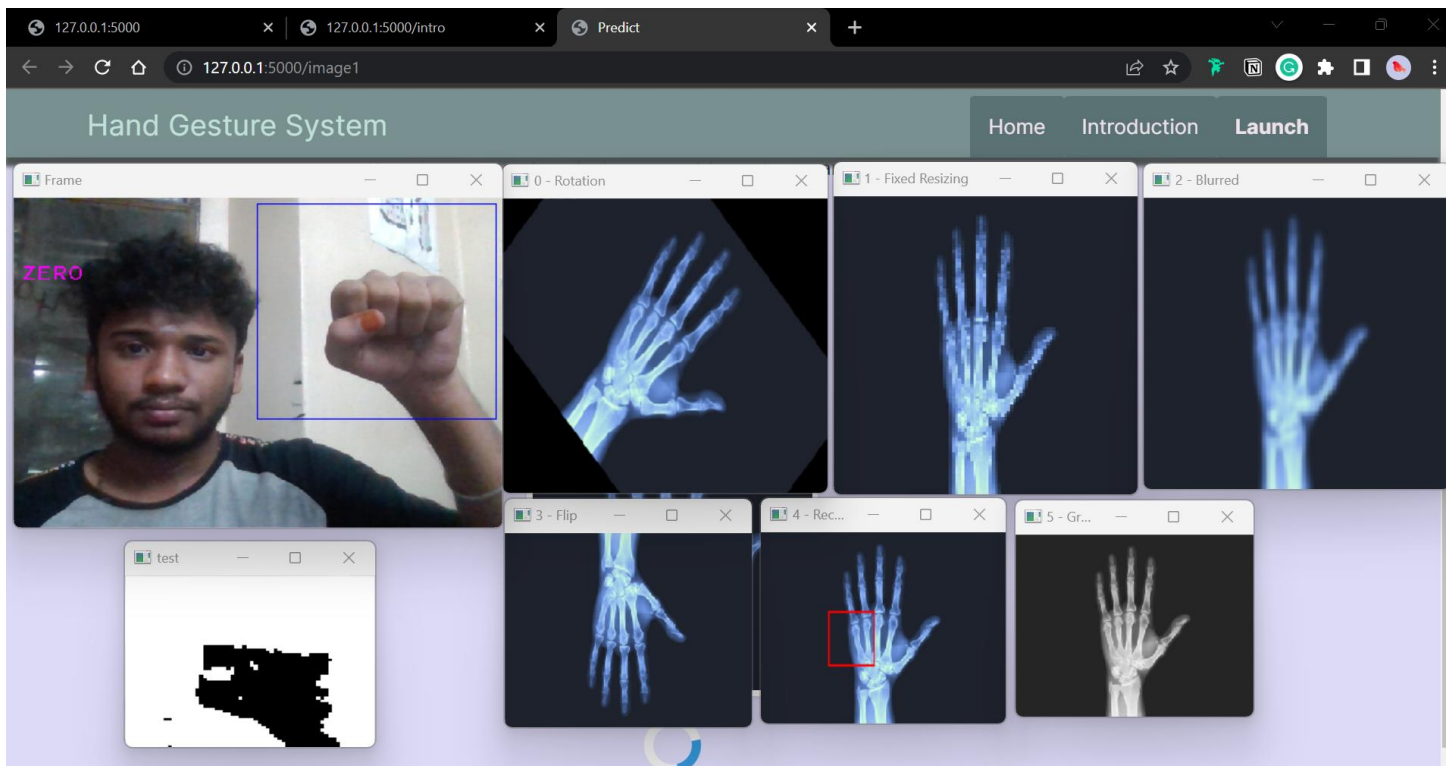
Hand Gesture Recognition

Provide an image for which you want to perform various operations

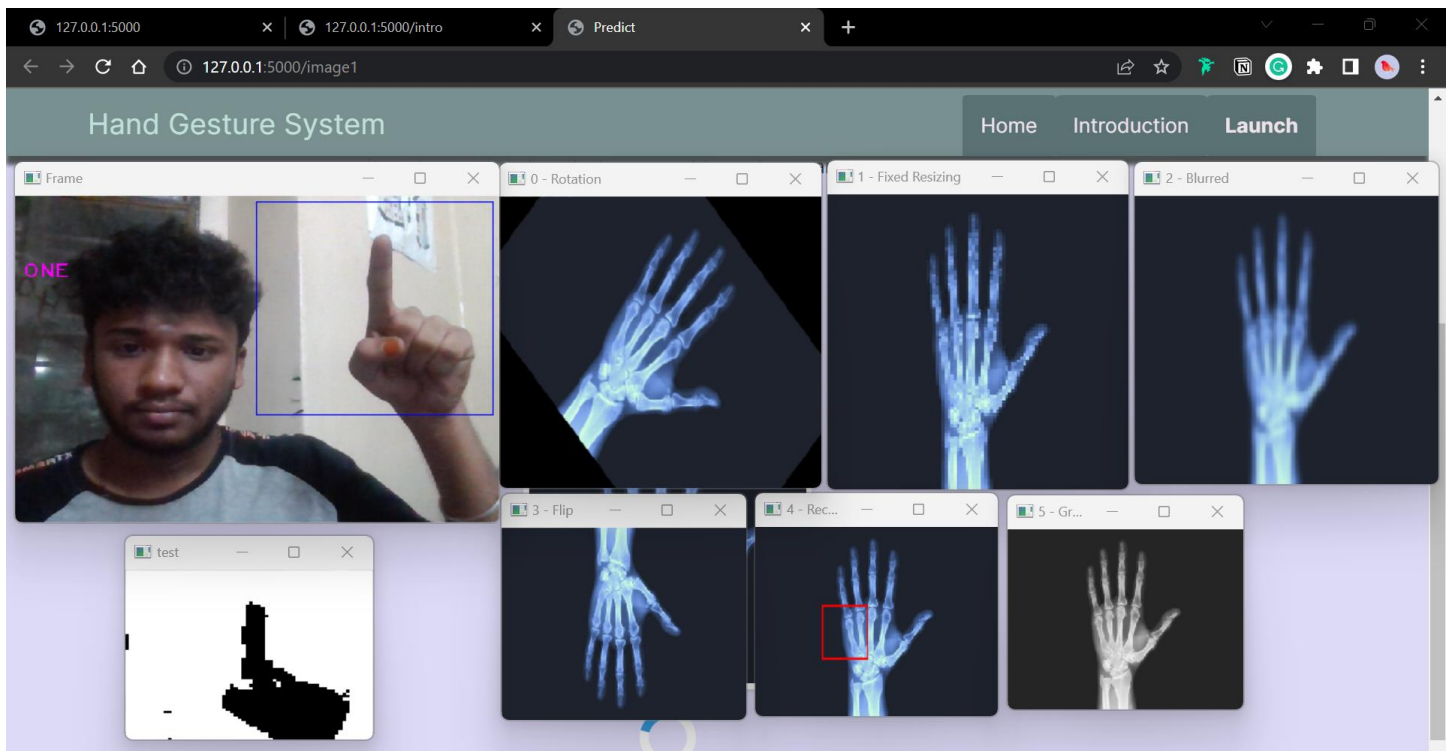
Upload Image Here

Choose...

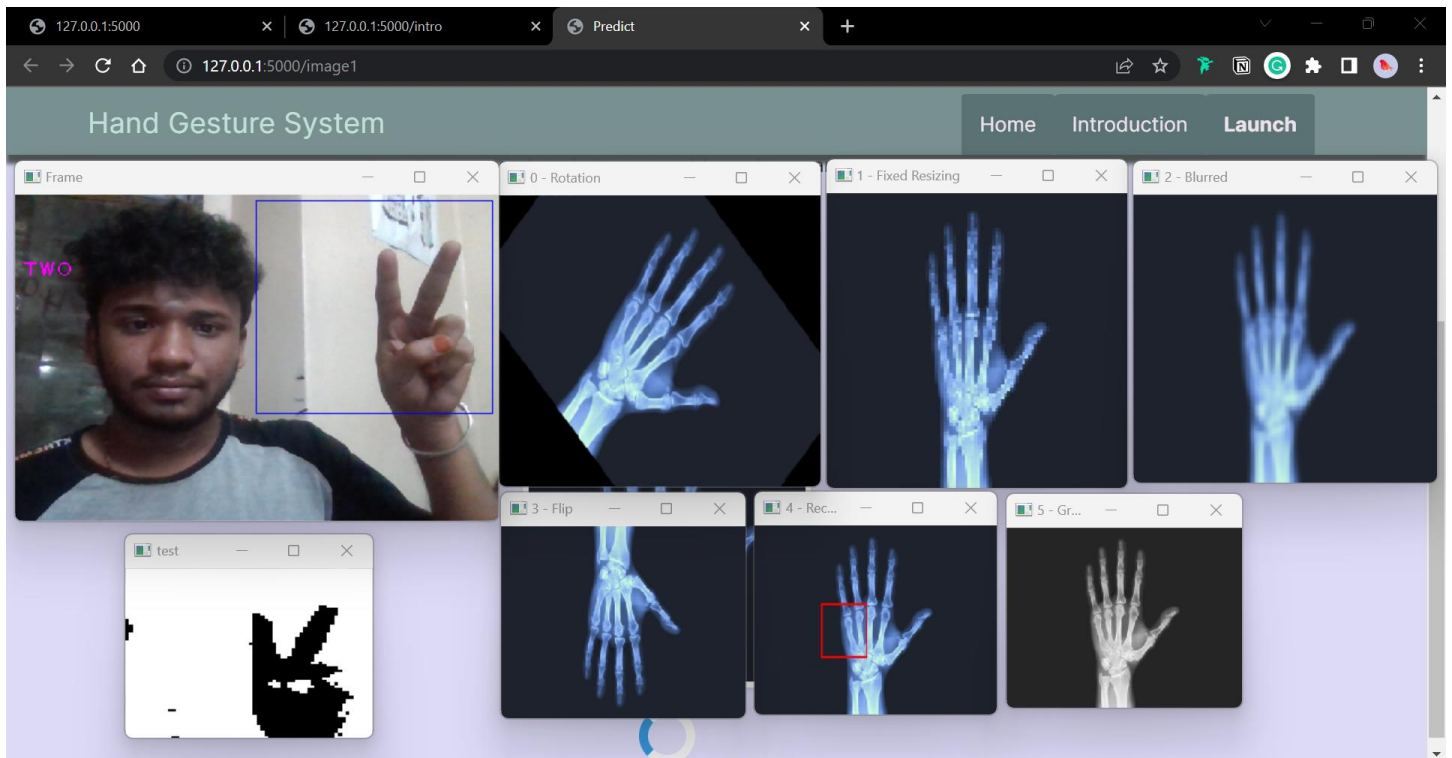
Zero:



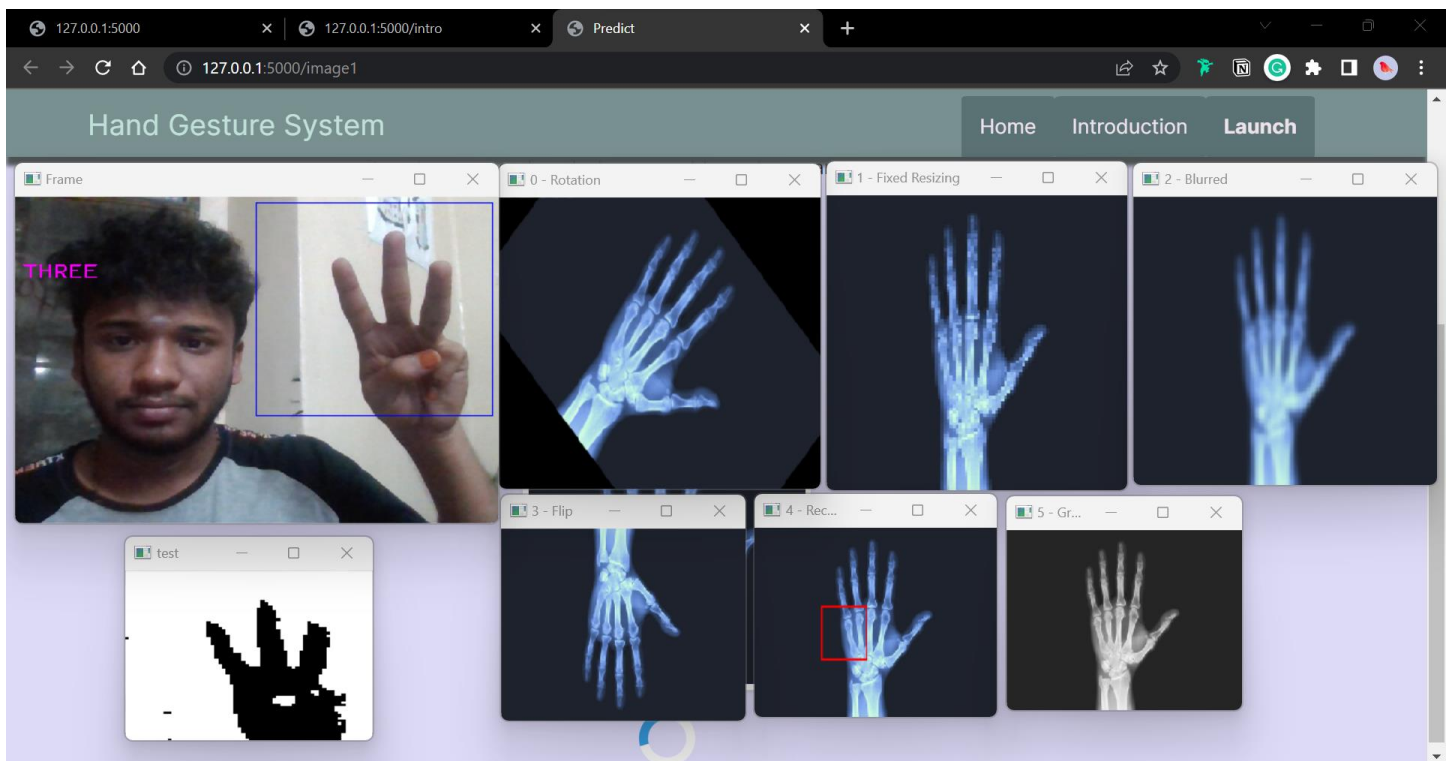
One:



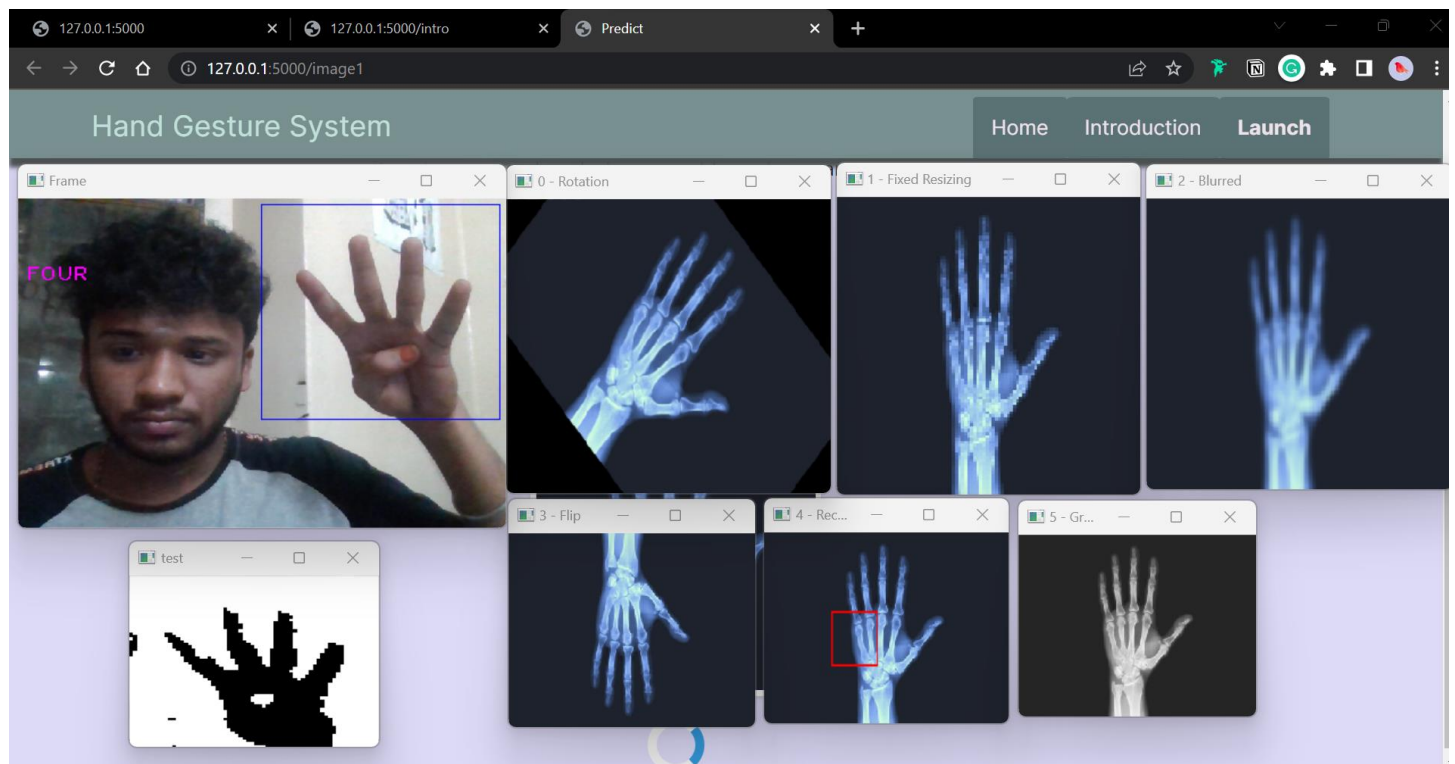
Two:



Three:



Four:



Five:

