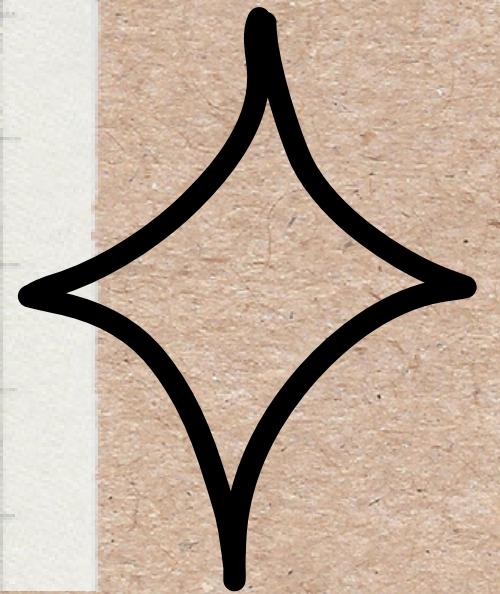
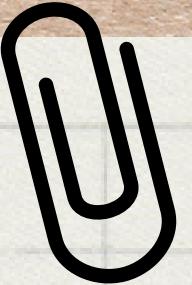
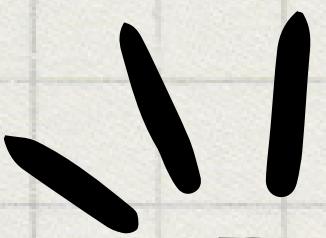
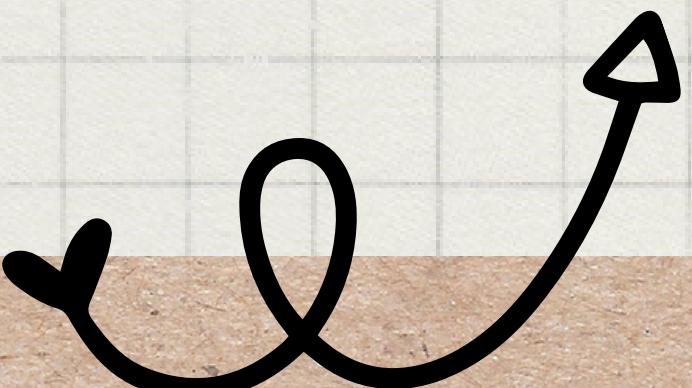


POINTYPY



WHAT IS IT?



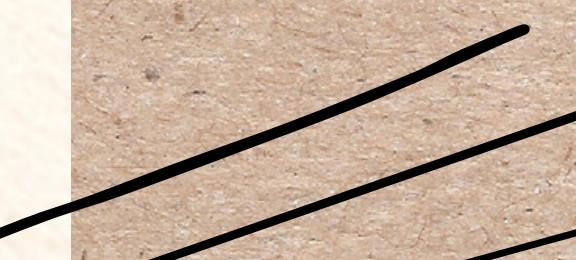
*It allows you to take matters into your own hands, literally!
It was thought to make your hands free during a presentations but you can
use it for popcorn, any reason is valid!*



OpenCV

HOW DOES IT WORK?



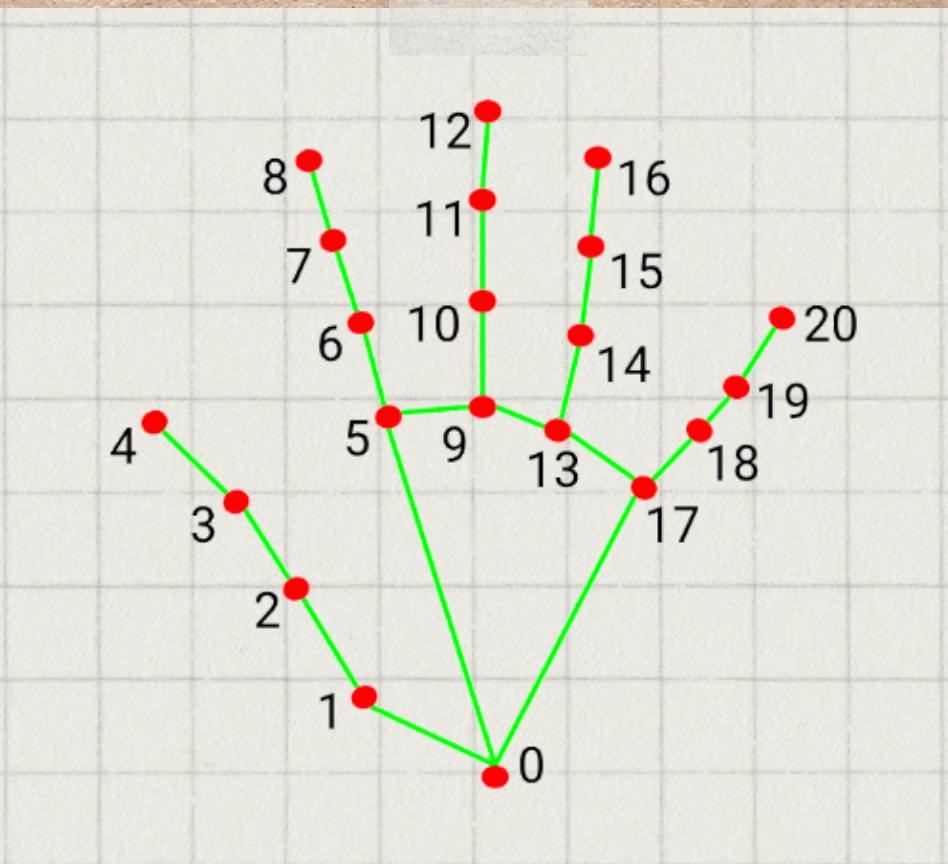
- ★ Captures the video through the computer camera
 - ★ Splits the captured image into coordinates
- 



HOW DOES IT WORK?



MediaPipe

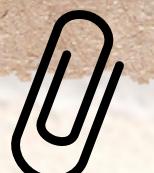


- ★ Detects the hand and its landmarks over the whole image
- ★ Performs precise keypoint localization of 21 3D hand-knuckle coordinates
- ★ Accuracy higher than 95%

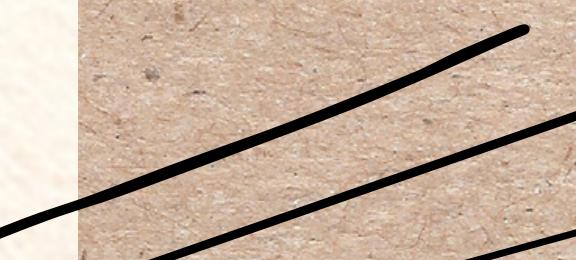


AutoPy

HOW DOES IT WORK?



★ Allows to control the mouse and keyboard





PointyPy

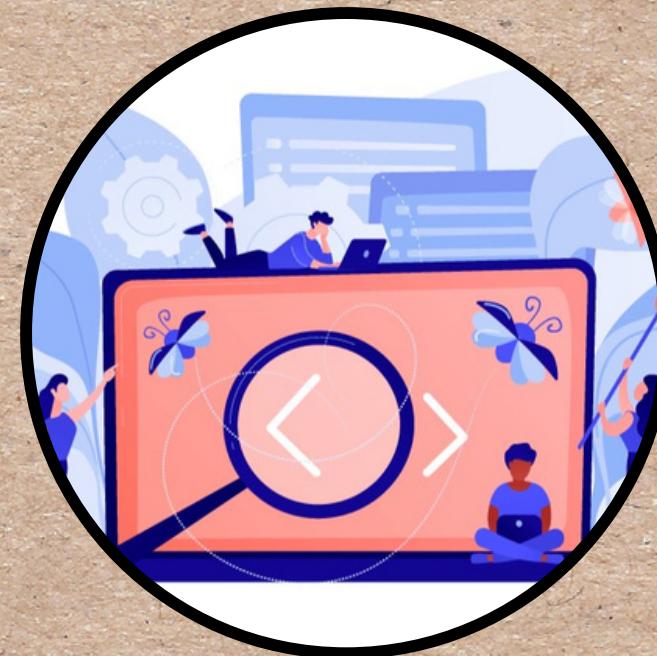
HOW DOES IT WORK?



- ★ Recognizes certain gestures as commands giving you the ability to perform those without using the mouse or keyboard.



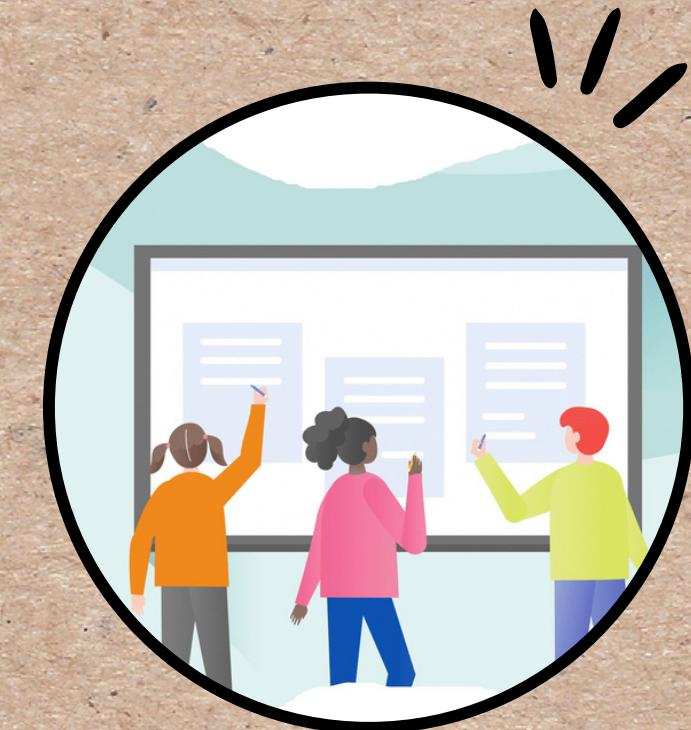
FUNCTIONS



Mouse Controller



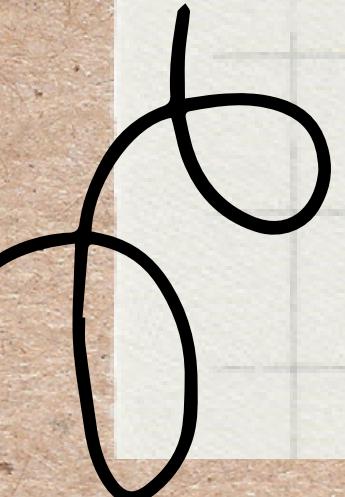
Presentation
Controller

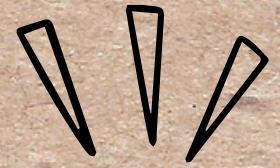


White Board



DEMO TIME





FOR THE FUTURE

White Board

Creating a virtual and more user friendly white board. Detecting projected surface and allowing users to have an experience that is closer to reality but with all the pros of technology.

ML Algorithm

With the whiteboard 2.0 implemented the idea would be to use it to train a Machine Learning Algorithm to recognize handwriting and convert it to text.

Deploy

Make it available for general use one a web page.

Thank You!

