Computer Vision Based Virtual Mouse and Keyboard System

Akanksha Pardeshi[1], Darshani Kadam[2], Nishant Thorat[3], Utkarsh Pardeshi[4], Prof. Priyanka Khalate[5]

Students, CSE, Shrimati. Kashibai Navale College of Engineering Vadgaon (BK), Pune[1,2,3,4]

Assistant Professor, CSE, Shrimati. Kashibai Navale College of Engineering Vadgaon (BK), Pune[5]

Abstract: *Gesture recognition is a technology that uses computer algorithms to interpret human gestures as commands for a computer or other device. A virtual mouse and keyboard project that uses gesture recognition would involve creating a system that can recognize specific hand or body movements and translate them into actions on the computer, such as moving the cursor or typing on a virtual keyboard. The abstraction for this project would involve developing the algorithms and programming necessary to detect and interpret the gestures, as well as designing the user interface and integrating the system with the computer's operating system.*

Keywords: Defects, Image Processing, Frame Extraction.

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