

Title: Gesture-Based PDF Interaction Using Hand Movement Tracking in Human-Computer Interaction

Abstract:

This project presents a novel approach to enhancing PDF navigation and interaction using hand gesture recognition in the domain of Human-Computer Interaction (HCI). By utilizing computer vision techniques to track and interpret hand movements, users can seamlessly highlight text within a PDF without any direct contact with the device. This hands-free method aims to improve accessibility and streamline document interaction, providing an intuitive and efficient experience.