Submission Summary

Conference Name
INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS AND COMPUTING TECHNOLOGIES

Track Name
Track-3 (Computing Technologies)

Paper ID
148

Paper Title
CLICK – AI Virtual Mouse

Abstract
This research introduces an AI-powered virtual mouse, a transformative technology poised to redefine the landscape of human-computer interaction (HCI). Utilizing advanced artificial intelligence (AI) and computer vision techniques, the virtual mouse interprets eye & lip gestures and movements, enabling precise and natural control of on-screen cursor dynamics. Through artificial intelligence, the virtual mouse intelligently adapts to user behaviour, tailoring its responses and interactions to individual preferences, thereby enhancing overall usability and productivity. Emphasizing inclusivity, the virtual mouse integrates accessibility features, accommodating a diverse user base. Moreover, its cross-platform compatibility ensures a seamless user experience across various operating systems and devices. This research presents the AI virtual mouse as a groundbreaking HCI tool, demonstrating its potential to revolutionize the way users interact with and navigate the digital realm

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Submission Files
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