Operating System Responsive to User Hand Gestures

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Abstract
This project is inspired by the major motion picture *Minority Report*. The end product will be a simple operating system that is responsive to hand movements to control window operations. Hand gestures will control opening windows from icons, moving the windows around the screen, resizing the windows, and minimizing the windows to a taskbar. The screen will be projected onto a table top from above and a camera will record the hand movements. The project will be divided into two components. One person will be in charge of interpreting the user's hand movements and converting the movements to commands for the operating system. The other person will be in charge of designing the operating system with icons, resizable and movable windows, and a taskbar for minimization of the windows.