Abstract

The recent trends in technology have revolutionized the means of interaction between the digital world and real time applications. The primary focus of human computer interaction is to improve the intercommunication between user and computer by making computer more receptive to the user's needs. Mouse too has undergone a significant revolution right from its invention starting with mechanical mouse with two buttons and scroll to an optical mouse and finally to a cordless mouse and is still used as a pre-dominant means to interact with a computer. In this paper our aim is to implement an invisible computer mouse that enables interaction with computer without attaching a hardware mouse. The methodology used is based
on the SixthSense Technology where the user will be able to move the cursor by the movement of fingers. Our focus is to move the cursor on the screen as the user moves his/her fingers.

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Vision based Analysis using Sixth Sense Technology


**Index Terms**

Computer Science  
Image Processing

**Keywords**

Color Recognition  
Motion Detection  
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Sixthsense Technology