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PREVENTION OF PHYSICAL DISABILITIES THROUGH ORI TECHNIQUE

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ABSTRACT

Surface interface has made more effective impression in the processes and applications of interfacing technology. The human computer interface plays an important role in Surface computing. It provides a very sophisticated method for communication and interaction between user and system. The touchable devices used for tap, zooming, scrolling and other operations which have perform on touchable devices it may rise the symptoms of physical disability for next generation of people. The human organs affected through the maximum application of such devices. We evaluate the adoptability of touchable devices and the impact of radiations through prolonged use of these devices. The radiations produced by touch screen may give rise to various physical disabilities for next generation such as dorsiflexion disease. Author proposed ORI (Optimized Radiation Impact) technique and designed a prototype model to control and reduce the radiations produced by touchable devices. We have designed a model in which, we reduce the active area of touchable device to protect our organs from harmful radiations.

KEYWORDS: Surface Computing, Multitouch, GUI (Graphical User Interface), Radiation, ORI Techniques