

A Project Report on
MULTI UTILITY HARDWARE
APPLICATION

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ABSTRACT

A conventional PC/laptop uses a mouse/touchpad and keyboard to operate and control all its applications. As these devices are wired/attached to the system, one has to sit near the PC/laptop to operate it. This becomes very tedious when the PC is used for presentation purposes. Thus this project purpose the conversion of hardware to software.

Virtual device encloses the most of the drawback faced in hardware devices. Drawback of devices can be in terms of cost, the life term of the product and failures of device which imbalance or affect the normal process of computer and sometime computability faced as changes done to the system. The main aim of this project is to substitute the computer devices like mouse, keyboard, joystick and Touchpad. The mouse provides the functionality which a physical mouse process and keyboard embedded with the android keyboard which enables fast typing by enabling the prediction and touchpad provided with functionality provided with zoom in and out and scrolling and Joystick gives the functionality that provided by an normal joystick.

MUHA app is very helpful for gamers. It is cost effective. Some of the games support upto four players. It will be very costly to purchase four joysticks because many games support only two players. In the tournaments we can use MUHA app instead of using real hardware devices. If we are carrying real hardware devices then there is a chance of breakage while travelling. Using MUHA app will eliminate this difficulty as it is very easy to carry. If we are using real keyboard or mouse or touchpad or joystick then there is a restriction that we should sit very close to the system. This will cause lot of problems for people who will be using computer all the time. But using MUHA app we can control the system from a comfortable position. While giving seminars or presentations, not all can afford to purchase a wireless device to go through the slides without approaching the computer keyboard or the mouse. Presentation quality decreases with the increased complexity in changing the slides. MUHA app will eliminate this complexity and allows the presenter to present in more efficient manner. The younger generation likes things to be controlled by their fingertips. Older systems do not have a touch screen monitor, and even the new systems with touch screens which available now, are quite expensive. MUHA app will give the user the experience of touch screen monitor.