

Developing a user interface device for domestic multimedia environment

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Abstrak

Traditional ways of interacting with multimedia applications fail in a domestic setting because the user interaction devices typical of a desktop multimedia system (mouse, keyboard, prototyped and evaluated and alternate interaction device based on a handheld touchpad device that we believe is practical in a domestic environment where people interact with Multimedia content for education and entertainment in a lounge room like setting. We have evaluated the usability level of the device in human trials and found that it performs better than keyboard-mouse combination which is one of the most widely used interaction device today.