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**ABSTRACT**

The use of TV remote is common everywhere. In home electronics, a remote control can be used to operate devices such as a TV set, DVD player, or any other home appliance. The same remote can be used to control personal computers also. The main objective of this project is to develop a PC Automation system using an Arduino and IR sensor that is commonly used in an TV to automate and control applications on PC. Although conventional way of using keyboards and mouse is easy but the functions of them are limited by the number of keys and the functions they perform.

Remote controlled PC Automation system provides the user the flexibility to assign whatever functions and shortcuts he needs to use the PC. It also gives the user the traditional feel of interacting with TV. The result of this project shows that the IR remote has the potential to control PC also.

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