

# PC BASED I/O MANAGEMENT SYSTEMS

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## ABSTRACT

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The system that I have developed is called “PC Based I/O Management System”. This system is used to monitor and control the input and output devices. This system consists of two parts, the hardware as well as the software. The hardware is mainly controlled by the ICs and it is used to receive the input signal in order to produce the corresponding output signal and then send out the output signal to turn on/off the output devices. The software is developed by using the Visual Basic 6 and it is used to process the input signal and produce the output signal. The printer port is used as an interface between the hardware and the computer, so that they can be able to communicate with each other.

There are several steps need to do in order to complete the system: title choosing, research, component collecting, software development and testing, hardware development (In breadboard) and testing, hardware soldering, system testing and documentation.