

DOOR LOCK SECURITY SERVER SYSTEM

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ABSTRACT

The project that I will be demonstrating is the “Door Lock Security Server System”. The Door Lock Security Server System will be able to control multiple doors yet it gives double security. There will be eventually a two security check. First is the Barcode reader and second is the numerical keypad ready-made. The barcode reader and the numerical keypad will be eventually connected to the computer o give an output. When the computer received the information from the given barcode and numerical keypad, it will proceed to its function.

The purpose of the project is to control multiple doors. By using the Visual Basic 6, creating a database, the information is to be matched in the database to give access to the user. By using the parallel port as my output, I could control the door lock from the pin. By 8 pins, I could have 14 doors due to limited usage.

I will be only demonstrating 1 door due to the cost I need to spend on my project. To control the doors, I will be using the binary code 1’s and 0’s. I will be creating a binary till it reaches to the decimal number of 255 which 0 take into account.

Each user is given a specific authority to access the door, arranged in the database. Once the use is identified, the signal sends a signal to trigger the lock to be opened. When the door is open, it auto locks by the timer set in Visual Basic 6. That’s basically how my security server system works by controlling the doors.