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A PROJECT REPORT ON
“CUSTOMER SECURITY SYSTEM AT ATM”

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BACHELOR OF ENGINEERING

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ABSTRACT

Nowadays, using the ATM (Automatic Teller Machine) which provides customers with the convenient banknote trading is very common. However, the financial crime case rises repeatedly in recent years; the project here is all about an ATM customer Security with Call Alert System, which in this project we have planned to develop a Call Alert System. A security system has a noise detector. If the customer is in trouble, he starts to scream to express his condition. So the noise level in the ATM centre will increase.

The noise detector in this module will produce the signal proportional to the noise level in the atm. And that signal is fed to microcontroller which is connected with a buzzer. If that noise level crosses certain limit, the microcontroller will turn on the buzzer to alert the public outside the ATM and the GSM module which is connected to microcontroller will send the ring to nearby police station and public service stations and automatically door will be closed. Thus this module will give alert once the customer is in trouble.