

# **OTP and Fingerprint Based ATM System**

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**Abstract:** *The solutions for ATM security are the topic of this study. In addition to using ATM pins, we will also use fingerprint or One Time Password (OTP) verification. The user of this system has the option of third-party authentication either transient or long-term. Throughout the entire procedure, the banker, who is the first party, will have a database with the customer's fingerprint and cellphone number. The ATM card and PIN will be provided by the banker. Following the entry of the ATM pin, the customer will be prompted to select between fingerprint and OTP verification for the transaction. Through a GSM module that is attached to the system, the OTP will be delivered to the customer's registered mobile phone.*

**Keywords:** ATM, OTP, fingerprint, ATM pin, mobile number

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