# Software Requirements Specification

# for

# ATM System

Version 1.0 approved

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# [Introduction](#_Introduction)

## Purpose/Objectives

This SRS describes the requirements specifications for automated teller machine (ATM) System of version 1.0 for designers, maintainers and developers.

Functions of ATM is to support digital banking system and also provide service to customers all the time.

## Document Conventions

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# History / Background Study

# Overall Description

## Product Functions

## Functional Requirements

### Registration

Customer will register his/her ATM card, and get acknowledged by email.

• Choose PIN number

• Give personal information (CNIN# for verification)

• More information is extracted by card scanner Verify info: Verification of card and user input will be done. Three tries are allowed.

### Withdraw Amount

User will withdraw amount according to its package. All packages are changeable Receipt is recommended on each withdrawal of money with updates the bank balance also.

* Select the Type of Account
* Enter the amount to be withdrawn from the account (Putting a withdrawal limit on the type of card the account is linked to)
* Enter the PIN for confirmation
* Print the transaction bill

### Deposit

The user selects Deposit option from the menu and withdraws cash from the ATM

By:

* Selecting the account type first: whether the account is a Savings account or recurring account
* Entering the Amount to be deposited in the account
* Entering the PIN and OTP for confirmation

### Change PIN

The user can select an option to change the PIN by entering the bank A/C No. and the OTP received on the mobile number linked with that account.

* Four digit pins are allowed
* An OTP is required for the authentication of the account
* Limited number of trials is allowed for PIN change