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ATM Cards and Loans

Requirements Document

**ATM Card :**

**The System Shall…**

* accept and recognize customer ATM cards
* validate customer’s account information
* confirm appropriate account type for ATM transaction (must have simple savings or checking account)
* allow user to withdraw cash (from which account and set amount)
* notify the user of insufficient funds if withdrawal is more than account balance.
* keep record of withdrawals daily
* restrict ATM usage after two withdrawal amounts within 24hrs

**Loan :**

**The System Shall…**

* validate that loan request is from a current member of this bank
* separate/create short(5yrs) and long(15/30yrs) term applied loans
* keep loans on file according to month
* determine and record fixed payment and interest rate according to specific loan.
* set and monitor loan payment due date
* enforce late fees for overdue loan payments ($75)
* Be able to add late fee to according account’s monthly payment
* create the loan amount as a fixed constant that can not be changed
* accept additional payments on loan at any time
* flag accounts that have late payments