

# CRC Card Sample - ATM Machine

**Basic user stories:**

1. User checks balance
2. User logs into the machine
3. User get "Fast Cash"
4. User makes a deposit
5. User withdraws from checking
6. User withdraws from savings

**Implemented?**

Note: These are not fully documented user stories. More is needed, but these should give you an idea.

NOTE: Only back of card is shown... front of card is missing!

<b>User Menu</b>	
<b>Responsibilities</b>	<b>Collaborators</b>
Display main menu	
Ask user for PIN	
Send PIN to BankSystem for validation	BankSystem
Display validation errors	
Ask BankSystem for balance	BankSystem
Print Balance	Printer
Display Fast Cash menu	
Debit Account	BankSystem
Dispense Money	MoneyDispenser
Print Receipt	Printer
Eject card	CardReader

<b>Bank System</b>	
<b>Responsibilities</b>	<b>Collaborators</b>
Validate PIN	
Get Balance	

<b>Card Reader</b>	
<b>Responsibilities</b>	<b>Collaborators</b>
Detect card inserted	
Tell UserMenu to ask for PIN	UserMenu
Eject card	

<b>Printer</b>	
<b>Responsibilities</b>	<b>Collaborators</b>
Print Balance Print Receipt	

<b>Money Dispenser</b>	
<b>Responsibilities</b>	<b>Collaborators</b>
Dispense Money	