

ATM Use Cases

ID:	CIS375-01
Title:	Login
Description:	Customer logs into the system by inserting the card and entering pin code.
Primary Actor:	User/Customer
Preconditions:	Customer has a bank account and an ATM Card.
Postconditions:	Customer logged in to his/her account
Main Success Scenario:	<ol style="list-style-type: none"> 1. Customer inserts the card 2. Enter PIN if applicable 3. System checks if the card is authorized 4. System displays a list of possible transactions that customer can perform
Extensions:	<ol style="list-style-type: none"> 3a. Card is not authorized by the bank <ol style="list-style-type: none"> 3a1. System displays failure attempt message 3a2. Eject the card. 3b. PIN code is incorrect. <ol style="list-style-type: none"> 3b1. System displays a message to reenter the PIN code 3b2. Customer enters pin code again 3b3. System checks if the pin code is correct
Frequency of Use:	Every time when user starts a session
Status:	
Owner:	
Priority:	High

ID:	CIS375-02
Title:	Check Balance
Description:	Customer aims to know the balance in his/her account
Primary Actor:	User/Customer
Preconditions:	Customer logged on to his/her account
Postconditions:	Customer got information about balance
Main Success Scenario:	<ol style="list-style-type: none"> 1. Customer clicks on check Balance from the available list. 2. System extracts the information about balance from bank database. 3. System displays the balance amount to the user. 4. System asks the user whether he want to do some other transaction.
Extensions:	
Frequency of Use:	Almost every time when user logs in.
Status:	
Owner:	
Priority:	High

ATM Use Cases

ID:	CIS375-03
Title:	Deposit Cash
Description:	Customer aims to deposit cash to her/his account.
Primary Actor:	User/Customer
Preconditions:	Customer logged on to his/her account
Postconditions:	The balance of the customer is increased by the amount of the inserted cash.
Main Success Scenario:	<ol style="list-style-type: none">1. Customer selects deposit cash2. Customer inserts cash in the cash slot3. System reads and calculates the inserted cash.4. System displays the total amount inserted and asks the user if the calculated amount is correct5. System updates the account balance information6. System displays the new balance7. System asks the user whether he want to do some other transaction.
Extensions:	<ol style="list-style-type: none">4a. Customer does not agree on the displayed amount.<ol style="list-style-type: none">4a1. System recalculates the cash and displays the amount.4a2. System asks the user again if the cash deposited is correct.4a3.If the user agrees then the steps in the main scenario continue. In case the user does not agree then the system ejects back the cash.
Frequency of Use:	
Status:	
Owner:	
Priority:	Medium

ATM Use Cases

ID:	CIS375-04
Title:	Deposit Check
Description:	Customer aims to deposit check to her/his account.
Primary Actor:	User/Customer
Preconditions:	Customer logged on to his/her account
Postconditions:	The balance of the customer is increased by the amount of the inserted check.
Main Success Scenario:	<ol style="list-style-type: none"> 1. Customer selects deposit check 2. Customer inserts check in the check slot 3. System reads and displays the check amount and asks the user if the amount is correct 4. System reads and authorize the check and checks the availability of balance in the account associated with the check 5. System displays the check amount and asks the user if the amount is correct 6. System updates the account balance information of the user and deducts the same amount from the check associated account. 7. System displays the new balance 8. System asks the user whether he want to do some other transaction.
Extensions:	<ol style="list-style-type: none"> 3a. Customer does not agree on the displayed amount. <ol style="list-style-type: none"> 3a1. System reads the check again and displays the amount. 3a2. System asks the user again if the displayed amount is correct. 3a3. If the user agrees then the steps in the main scenario continue and in case the user does not agree then the system ejects back the check. 4a. Check is not authorized by the bank <ol style="list-style-type: none"> 4a1. System displays error message and ejects back the check 4b. The amount is not available in the account associated with the check. <ol style="list-style-type: none"> 4b1. System displays error message and ejects back the check
Frequency of Use:	
Status:	
Owner:	
Priority:	Medium

ATM Use Cases

ID:	CIS375-05
Title:	Withdraw Cash
Description:	Customer aims to withdraw cash from her/his account.
Primary Actor:	User/Customer
Preconditions:	Customer logged on to his/her account
Postconditions:	The balance of the customer is decreased by the amount withdrawn.
Main Success Scenario:	<ol style="list-style-type: none">1. Customer selects withdraw cash.2. Customer types the amount to be withdrawn.3. System checks if the amount is available.4. Cash is dispensed.5. System updates the account balance information of the user.6. System displays the new balance7. System asks the user whether he want to do some other transaction.
Extensions:	3a. When cash is not available 3a1. System displays the current balance and asks user to update the amount entered
Frequency of Use:	
Status:	
Owner:	
Priority:	Medium

ATM Use Cases

ID:	CIS375-06
Title:	Transfer money from one account to another
Description:	Customer aims to transfer money to another account
Primary Actor:	User/Customer
Preconditions:	Customer logged on to his/her account
Postconditions:	The balance of the customer is decreased by the transferred amount and the receiver account is increased by the amount transferred.
Main Success Scenario:	<ol style="list-style-type: none"> 1. Customer selects Transfer money. 2. Customer enters the account number of the receiver. 3. Customer types the amount to be transferred 4. System checks if the amount is available. 5. System updates the account balance information of the user and the receiver. 6. System displays the new balance 7. System asks the user whether he/she want to do some other transaction.
Extensions:	3a. When desired amount is not available in account 3a1. System displays the current balance and asks user to update the amount entered to transfer.
Frequency of Use:	
Status:	
Owner:	
Priority:	Medium

ID:	CIS375-07
Title:	Logout
Description:	Customer aims to end the session
Primary Actor:	User/Customer
Preconditions:	Customer logged in to his/her account
Postconditions:	Customer successfully logged out.
Main Success Scenario:	<ol style="list-style-type: none"> 1. System asks user if the user wants session report and receipt for the entire session. 2. System ends the session
Extensions:	1a. User wants a receipt 1a1. System prints the receipt
Frequency of Use:	Every time when user starts a session
Status:	
Owner:	
Priority:	High