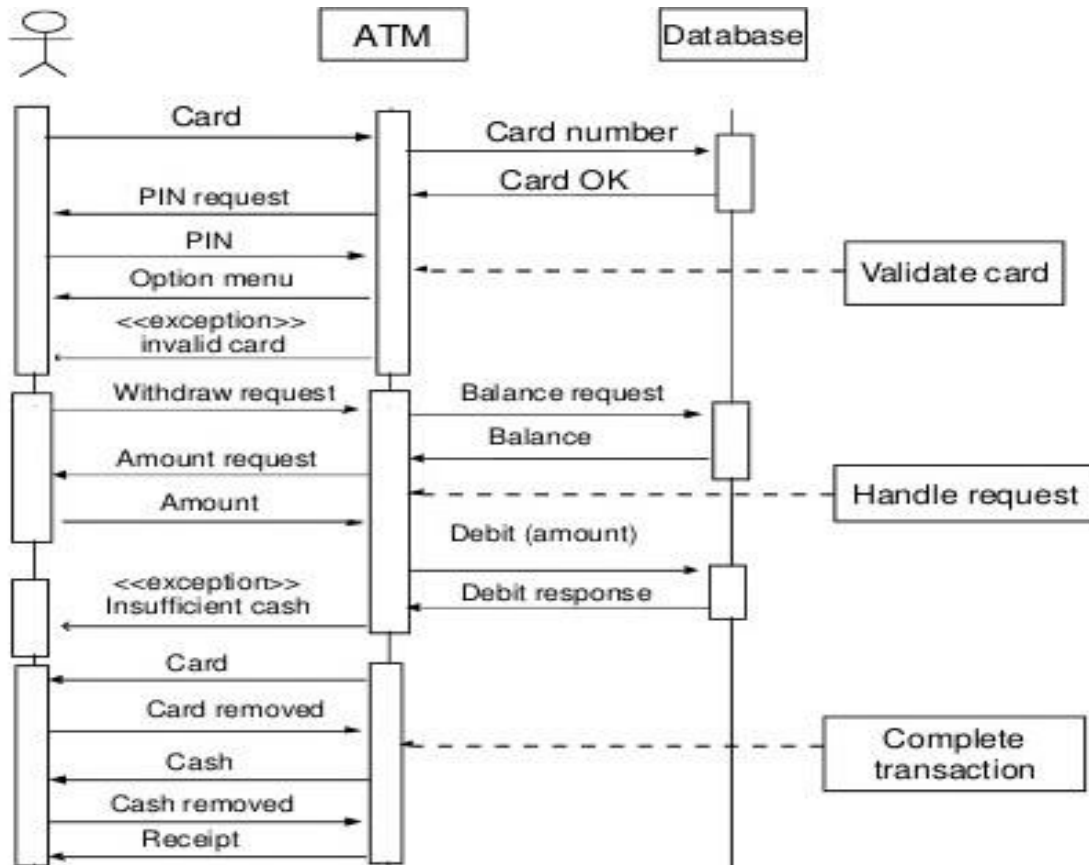


EXPERIMENT-3

AIM: - Take any system (e.g. ATM system) and study its system specifications and report the various bugs.

Specifications of ATM System:



Bugs Identified:

<u>Bug-Id</u>	<u>Bug Name</u>
ATM_001	Invalid Card
ATM_002	Invalid PIN
ATM_003	Invalid Account type
ATM_004	Insufficient Balance
ATM_005	Transaction Limit
ATM_006	Day limit
ATM_007	Invalid money denominations
ATM_008	Receipt not printed
ATM_009	PIN change mismatch

BUG REPORT:

Bug Id	ATM_001
Bug Description	Invalid card
Steps to reproduce	1. Keep valid card in the ATM.
Expected Result	Welcome Screen
Actual Result	Invalid card
Status	Fail

Bug Id	ATM_002
Bug Description	Invalid PIN entered
Steps to reproduce	1. Keep a valid card in ATM. 2. Enter the authorized PIN. 3. Menu screen should be displayed.
Expected Result	Menu screen displayed
Actual Result	Invalid PIN screen is displayed
Status	Fail

Bug Id	ATM_003
Bug Description	Invalid Account type selected.
Steps to reproduce	1. Enter a valid user PIN number. 2. Select the withdraw option on the main menu. 3. Choose the correct type of account (either savings or current account).
Expected Result	Enter the Amount screen displayed
Actual Result	Invalid Account type screen is displayed.
Status	Fail

Bug Id	ATM_004
Bug Description	Insufficient Balance
Steps to reproduce	1. Menu screen should be displayed. 2. Select the withdraw option. 3. Select the correct type of account. 4. Enter the sufficient amount to withdraw from the account. 5. Dispense the cash screen & amount to be deducted from account
Expected Result	Collect the amount screen displayed
Actual Result	Insufficient balance in the account
Status	Fail

Bug Id	ATM_005
Bug Description	Withdraw Limit per transaction.
Steps to reproduce	1. Menu screen should be displayed. 2. Select the withdraw option. 3. Select the correct type of account. 4. Enter sufficient amount to withdraw from the account Transaction within the limit. 5. Dispense the cash screen & amount to be deducted from account.
Expected Result	Cash is dispensed and collect the receipt
Actual Result	Transaction limit exceeded screen is displayed
Status	Fail

Bug Id	ATM_006
Bug Description	Withdraw limit per day
Steps to reproduce	1. Keep a valid card in ATM. 2. Enter the authorized PIN. 3. Enter the amount to withdraw from the account. 4. Amount enter is over the day limit (>40000) 5. Amount enter is over the day limit and display screen is displayed.
Expected Result	Cash is dispensed and collect the receipt.
Actual Result	Day limit exceeded screen is displayed.
Status	Fail

Bug Id	ATM_007
Bug Description	Amount enter denominations
Steps to reproduce	1. Keep a valid card in ATM. 2. Enter the authorized PIN. 3. Enter the amount which should be in multiples of 100. 4. Cash Dispenser screen is displayed.
Expected Result	Collect the amount screen is displayed.
Actual Result	Amount enter not in required denominations.
Status	Fail

Bug Id	ATM_008
Bug Description	Statement not printed
Steps to reproduce	1. Keep a valid card in ATM. 2. Enter the authorized PIN. 3. Select the mini statement. 4. Current balance is displayed on the screen. 5. Collect printed receipt of the statement.
Expected Result	Collect the mini statement receipt
Actual Result	Receipt not printed.
Status	Fail

Bug Id	ATM_009
Bug Description	PIN mismatch
Steps to reproduce	1. Keep a valid card in ATM. 2. Enter the authorized PIN. 3. Select the change PIN option on the menu. 4. Enter the current PIN. 5. Enter the new PIN. 6. Retype the new PIN 7. PIN successfully changed displayed on the screen.
Expected Result	PIN change successful.
Actual Result	PIN mismatched due to wrong PIN entered
Status	Fail