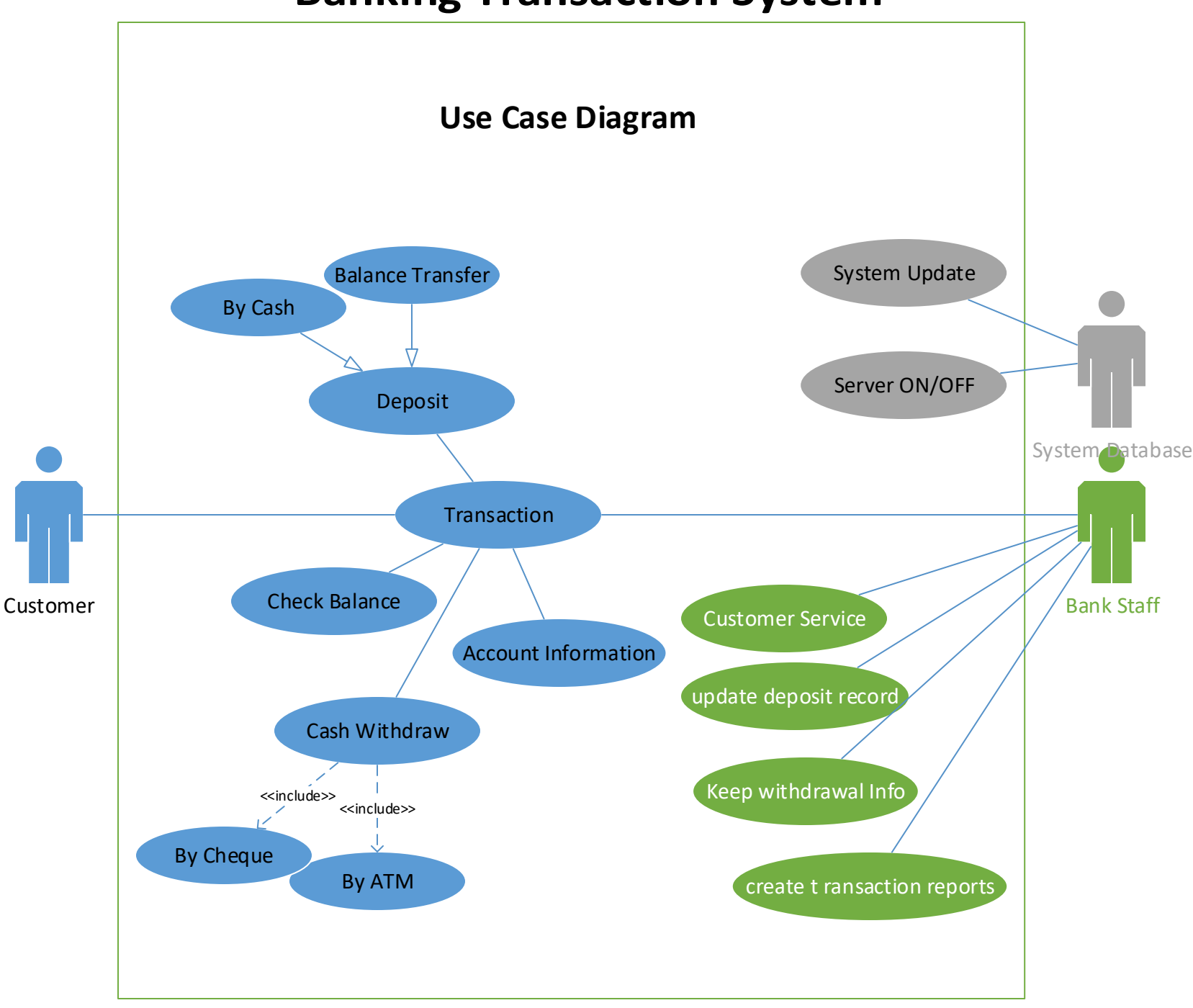
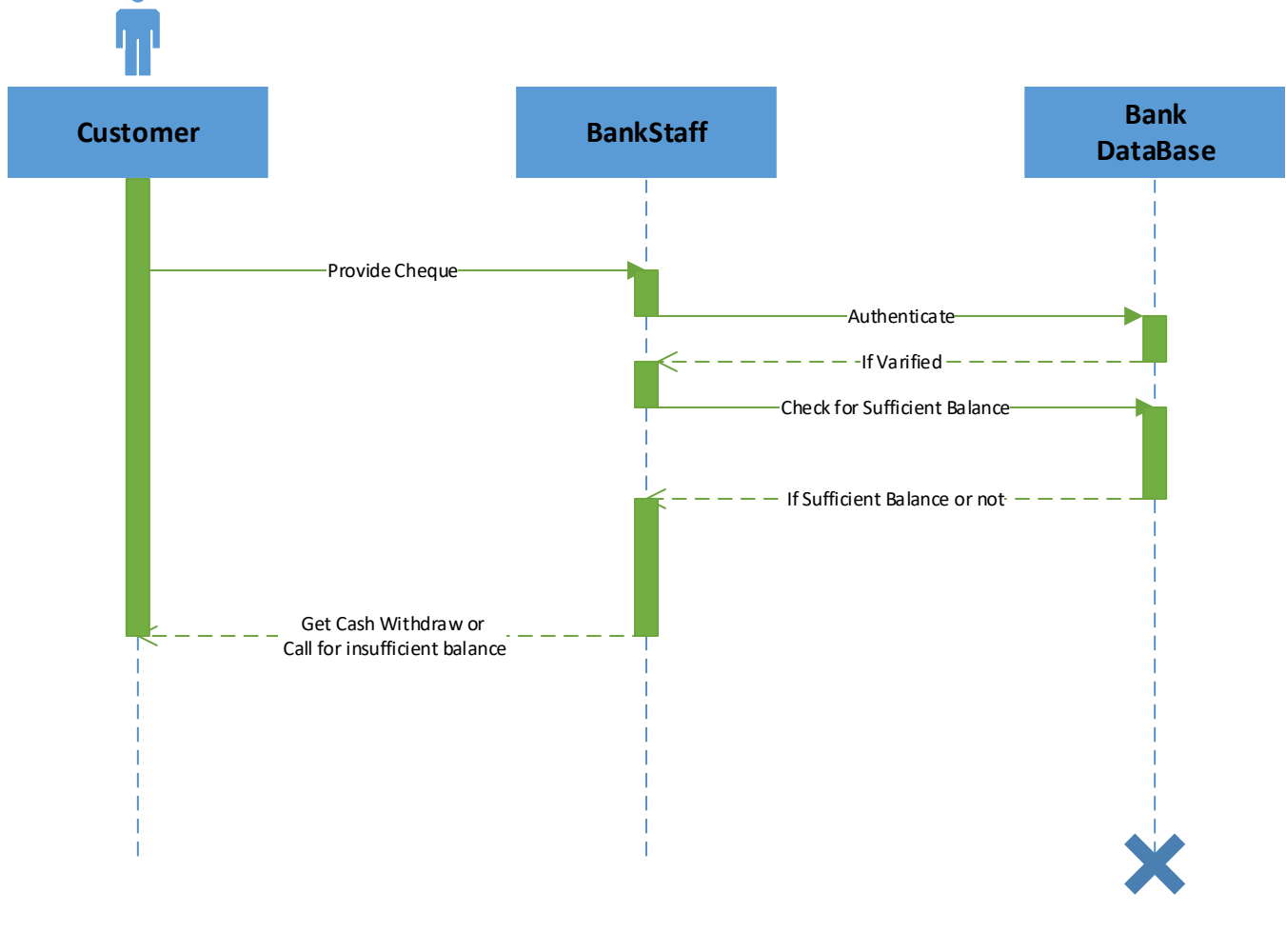


Case Study on Bank Transaction System

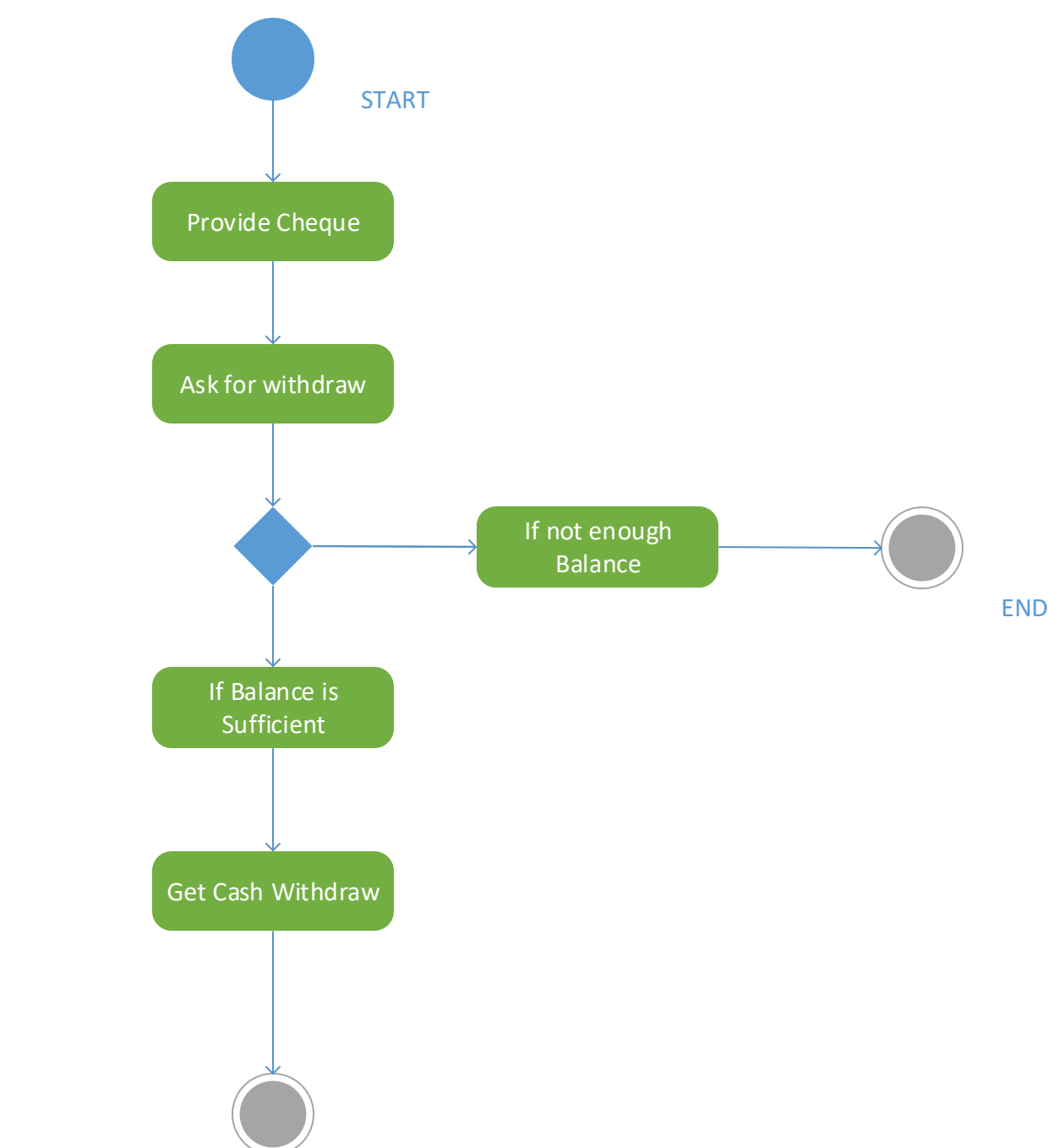
Automated Banking System enables customers of financial institutions to perform financial transactions, such as cash withdrawals, deposits or obtaining account information. Clients may take money from their accounts, deposit money or ask for their current balance. All these operations are accomplished using either automatic teller machines (ATM) or counter tellers. Transactions on an account may be done by cheque or using the teller machine and card. Bank staff provides customer service; such as help customer in withdraw and deposit amount, Check account number and other info in deposit form, update deposit record, withdraw record and create reports from the data.



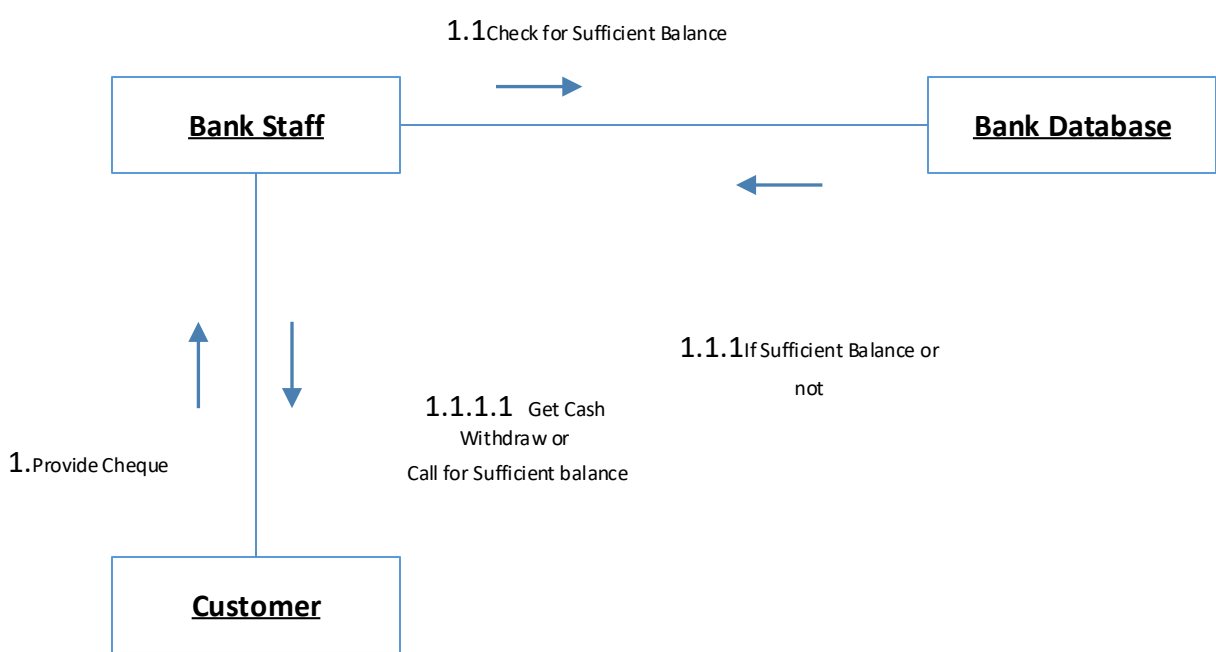
Sequence Diagram for customer transaction by Check



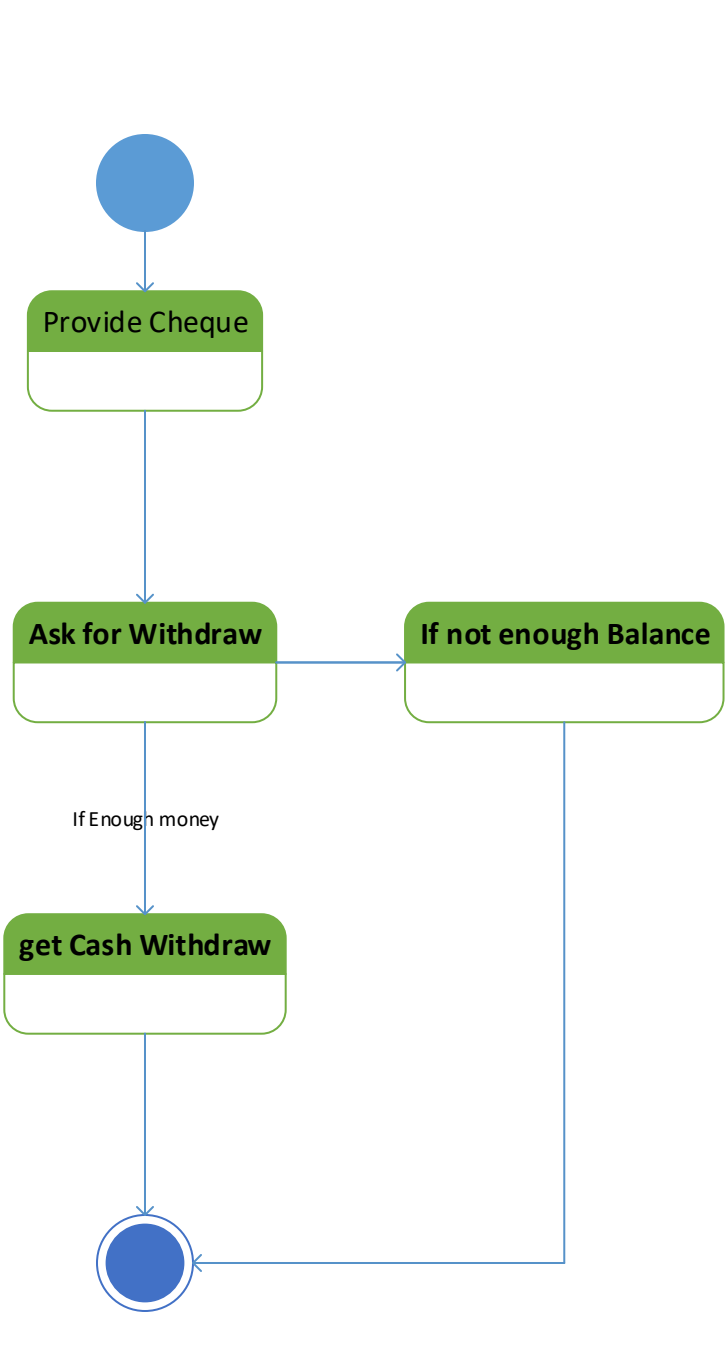
Activity Diagram



Collaboration Diagram



State Chart Diagram



CRC Diagram

| Bank Staff | | Customer | |
|---|---------------|--|---------------|
| Responsibilities | Collaboration | Responsibilities | Collaboration |
| Customer Service() update deposit record() withdraw record () | Bank | Deposit() Cash withdrawal() Check Balance() Account information() | Bank |

| Bank | |
|---|--------------------|
| Responsibilities | Collaboration |
| Customer Service() update deposit record() withdraw record () | Bank Staff Bank |