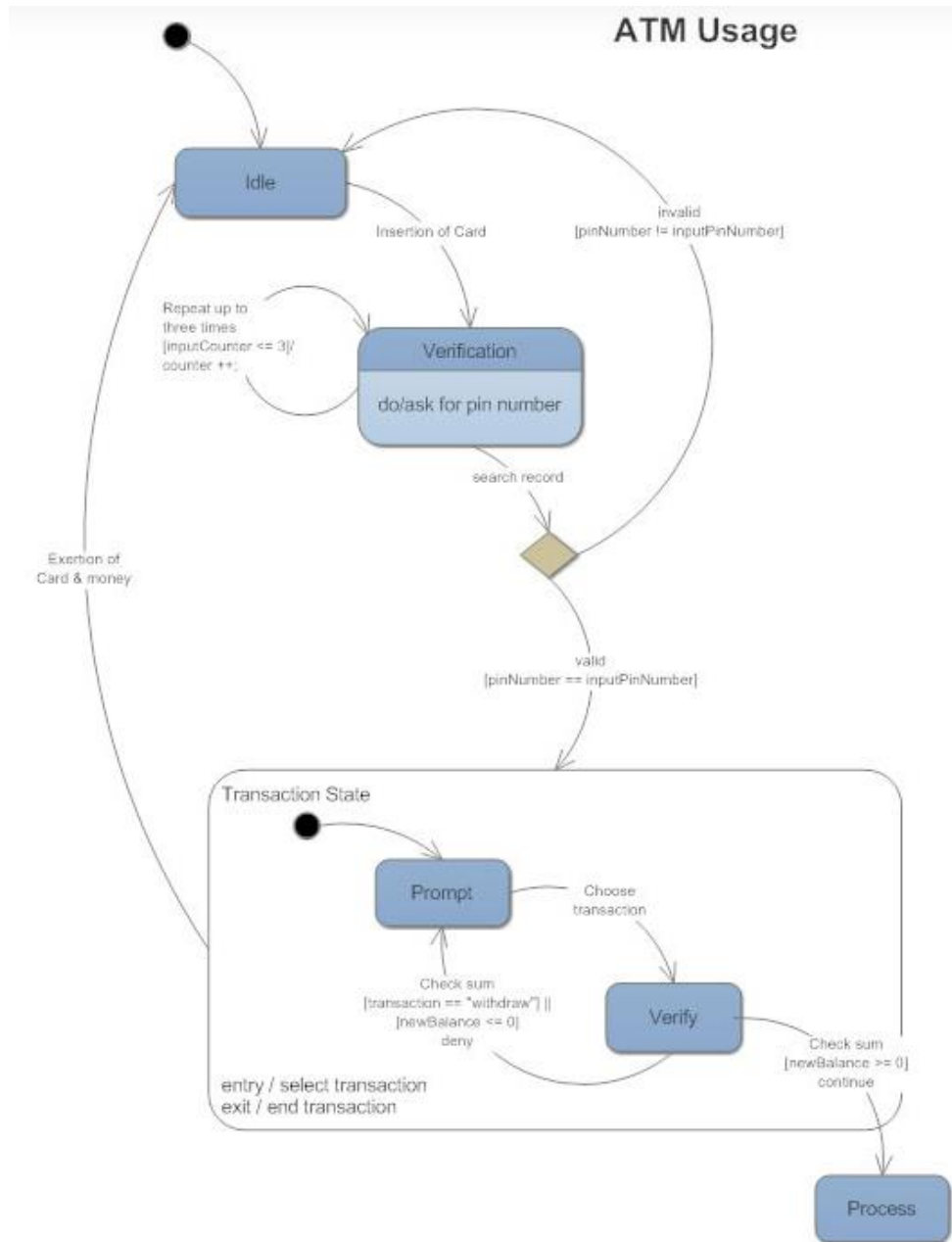


STATE CHART DIAGRAM EXAMPLES

ATM Usage:

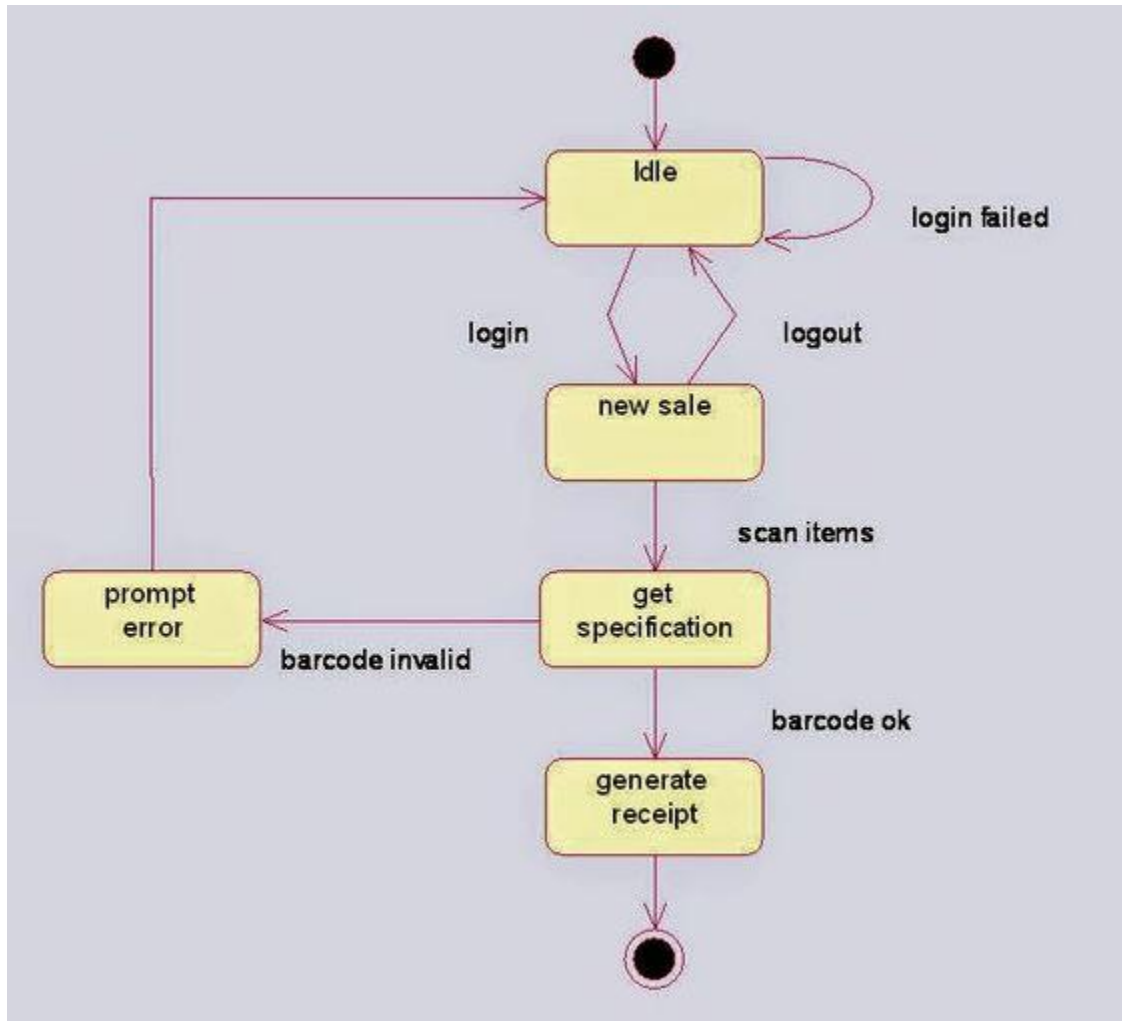


Scenario:

First a card holder enters the card in the ATM machine. Then the system asks for verification (Pin Code). This process will repeat three times in the case of incorrect pin submission. After giving the pin the system will search records to match the pin code. If the pin code is valid the system will move on to the

transaction state. If not, then the system will go to the initial state. In Transaction state the system will ask the amount for withdrawal. After that, system will verify that the account balance is greater than the withdrawal amount. If yes, then the system will process the transaction. Then the machine will extract the card and the money and go back to the initial state.

Online Shopping System:



Scenario:

First the customer will log in to the system. If the login fails, the customer will go back to initial state. After logging in, the customer will enter in the new selling items. Then customer will choose the product and get the specification of the product. The customer will check the barcode of the product. If the barcode is invalid the customer will go back to the initial state. If the barcode is valid then the system will generate a receipt and end the process.