

PROGRAMS:

1. Draw a UML diagram for hotel reservation system. In a hotel reservation system, a customer can make online booking for a hotel, by specifying the accommodation requirements such as type of room (AC/Non-AC, One bed/two bed), total no of rooms,duration of stay. The system selects a suitable hotel as per customer's requirements. If a hotel is found then the availability of rooms in that hotel is checked. The charges are calculated for the selected requirement and these are acknowledged to the customer. If the customer is satisfactory about the selection made by the system, then he confirms the reservation.

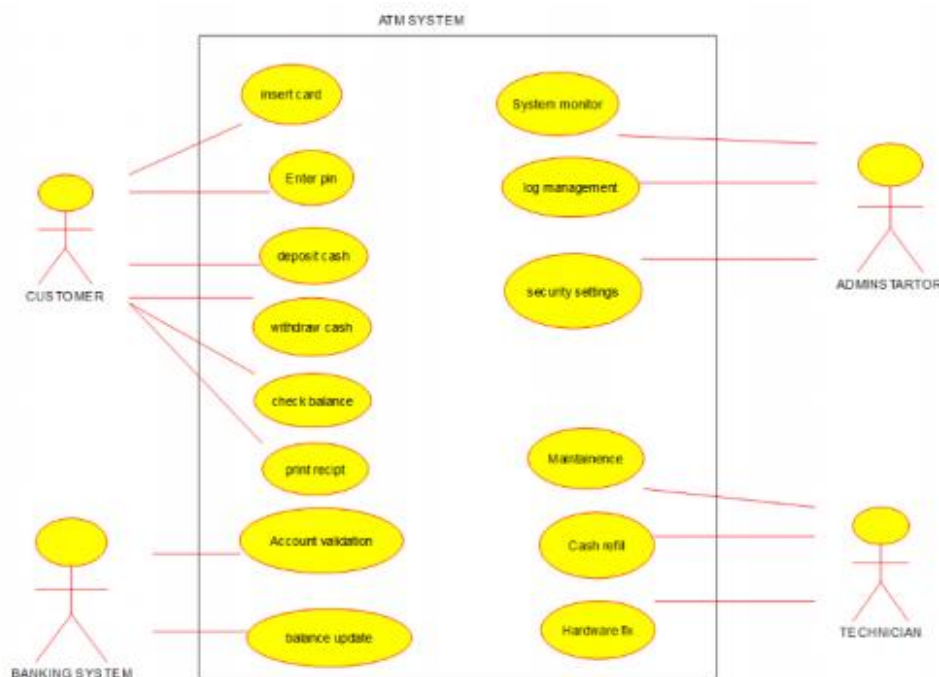
AIM:

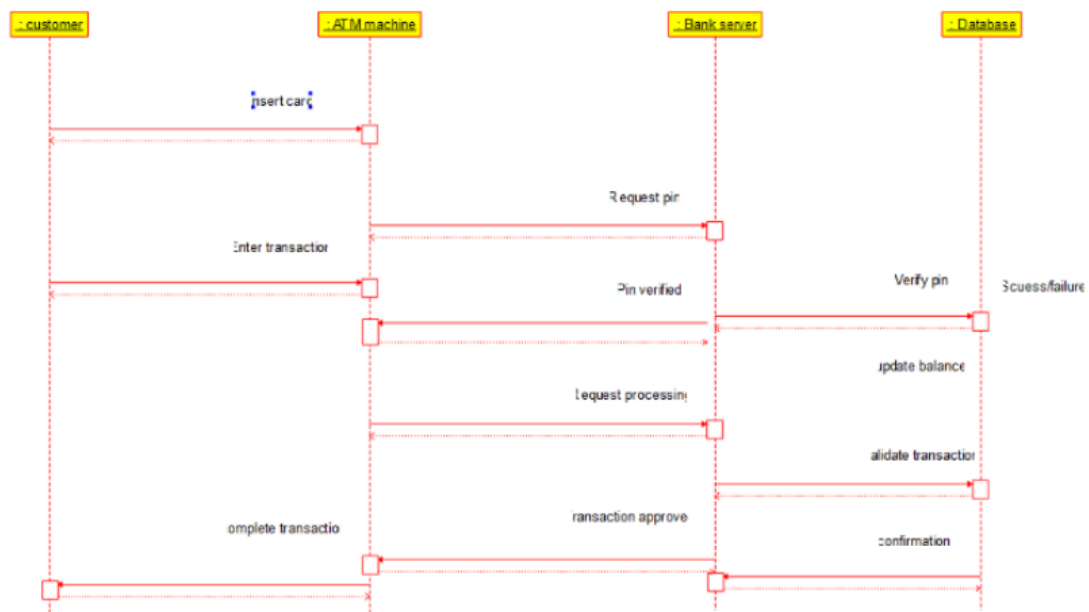
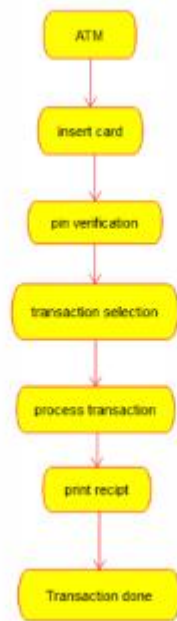
To design a UML Diagram for an ATM System using a CASE tool, illustrating the interactions between customers, banking system, administrators, and technicians to perform various banking transactions.

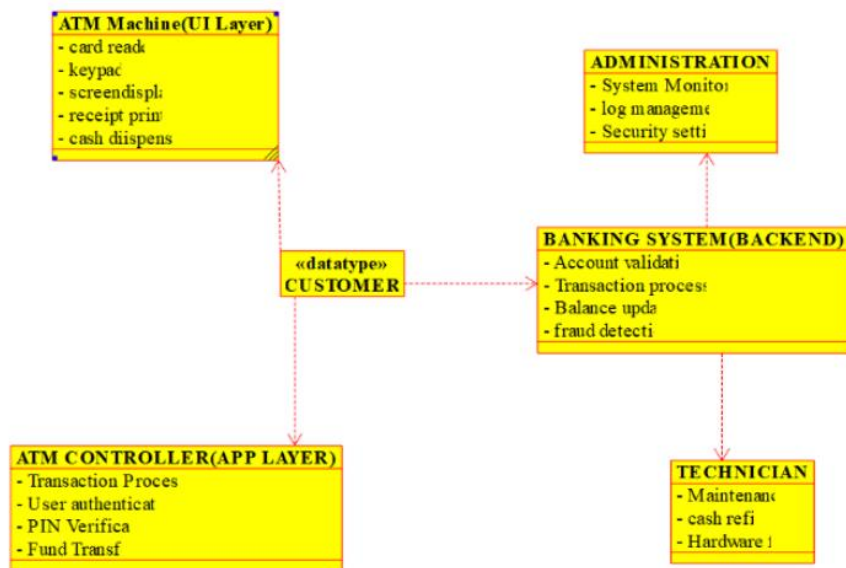
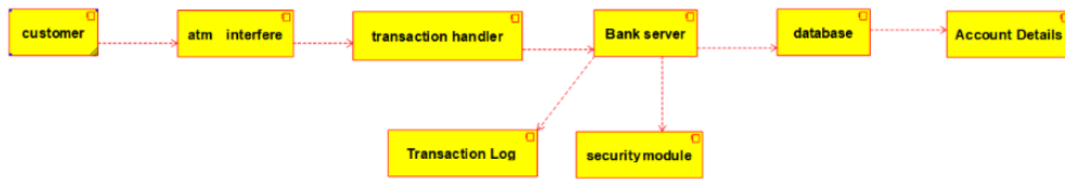
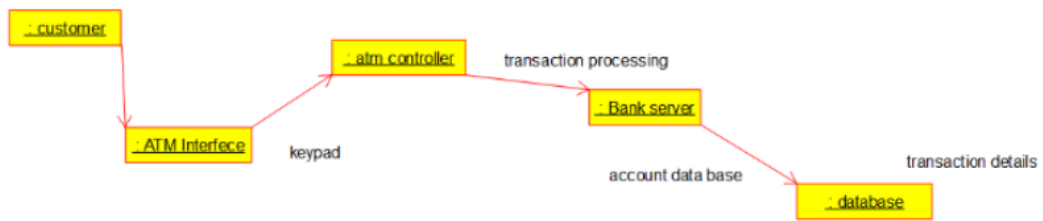
PROCEDURE :

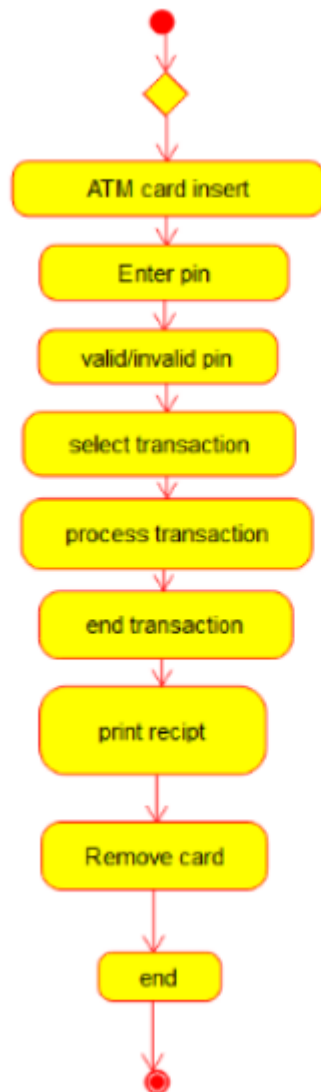
- STEP 1:** Open UML modeling software such as Umbrello, StarUML, or PlantUML.
- STEP 2:** Identify the main actors involved in the system
- STEP 3:** Define the use cases that each actor performs
- STEP 4:** Draw actors as stick figures and use cases as ovals in the UML tool.
- STEP 5:** Connect actors to their respective use cases using association lines.
- STEP 6:** Ensure the diagram clearly represents how actors interact with the system.
- STEP 7:** Save and export the UML diagram for documentation.

OUTPUT:









RESULT:

The UML Use Case Diagram for the ATM System was successfully created, showing the interactions between Customers, Banking System, Administrators, and Technicians with the ATM for performing various transactions and maintenance tasks.