

ATM SYSTEM

QUESTION:

Draw a UML diagram for ATM System using CASE tool. The banking system allows a customer to access the financial transactions by ATM System, it has a step-by-step process describe the work of this process and elaborate the what are the work can do by customer, banking system, administrator and technicians with the ATM system.

AIM:

To design a UML Use Case Diagram for an ATM System that illustrates the interactions between actors (Customer, Banking System, Administrator, Technician) and their respective functionalities.

PROCEDURE:

1. Identify Actors:

- Customer: Uses the ATM for transactions like checking balance, withdrawing, depositing, and transferring funds.
- Technician: Handles maintenance and repairs of the ATM.
- Bank: Backend system for transaction processing.

2. Identify Use Cases:

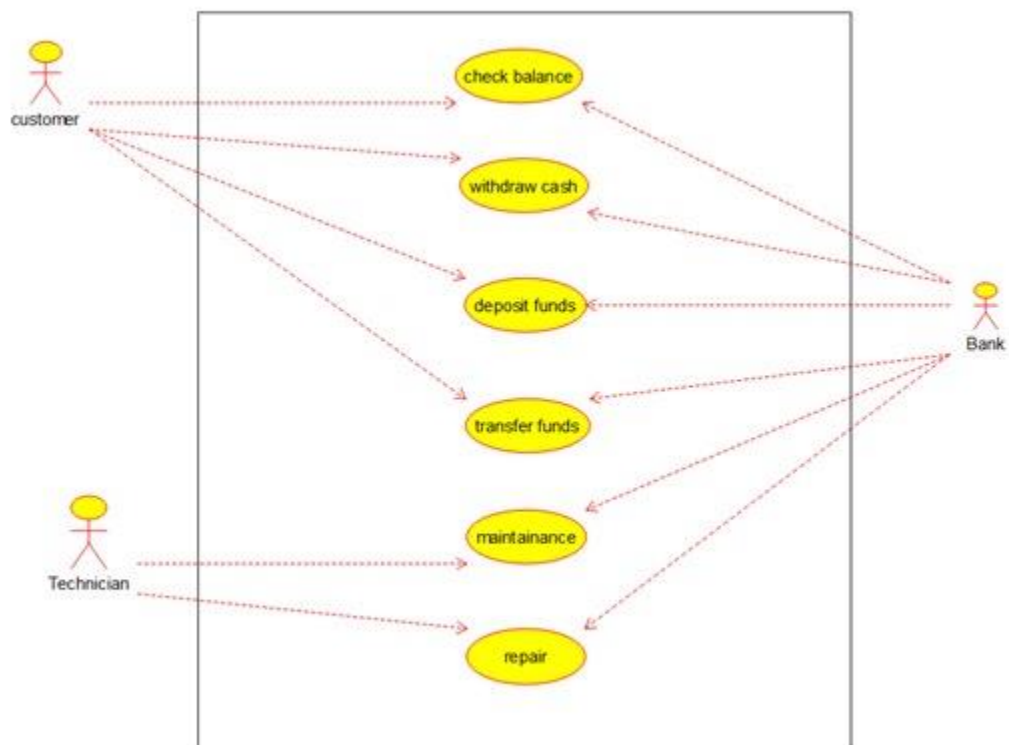
- Check Balance
- Withdraw Cash
- Deposit Funds
- Transfer Funds
- Maintenance (Technician)
- Repair (Technician)

3. Draw Use Case Diagram:

- Use stick figures for actors (Customer, Technician, Bank).
- Use ovals for use cases (e.g., Check Balance, Withdraw Cash).
- Draw dashed arrows between actors and relevant use cases.
- Represent the system boundary (ATM system) enclosing the use cases.

4. Verification: Ensure all actors and use cases are properly linked.

DIAGRAM:



RESULT:

The UML Use Case Diagram for the ATM System successfully created.