

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**

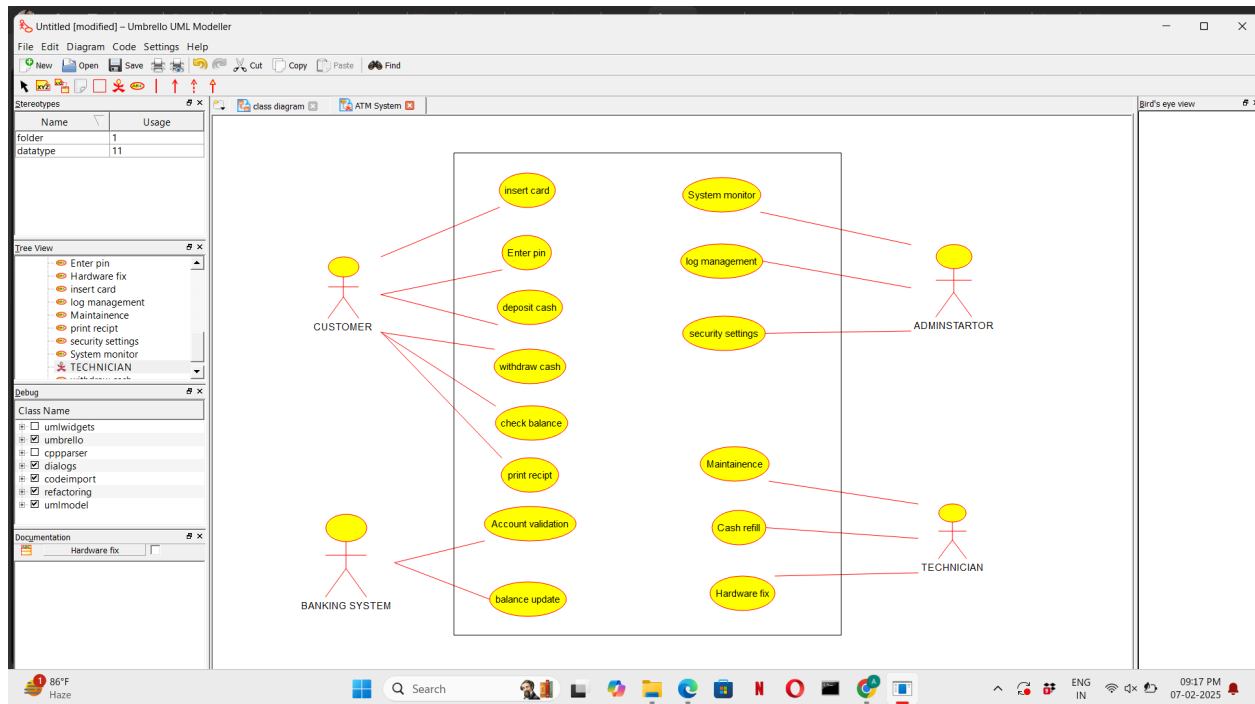
To develop a **UML Diagram** for an **ATM System** using a CASE tool, illustrating interactions between customers, banking systems, administrators, and technicians.

## **PROCEDURE**

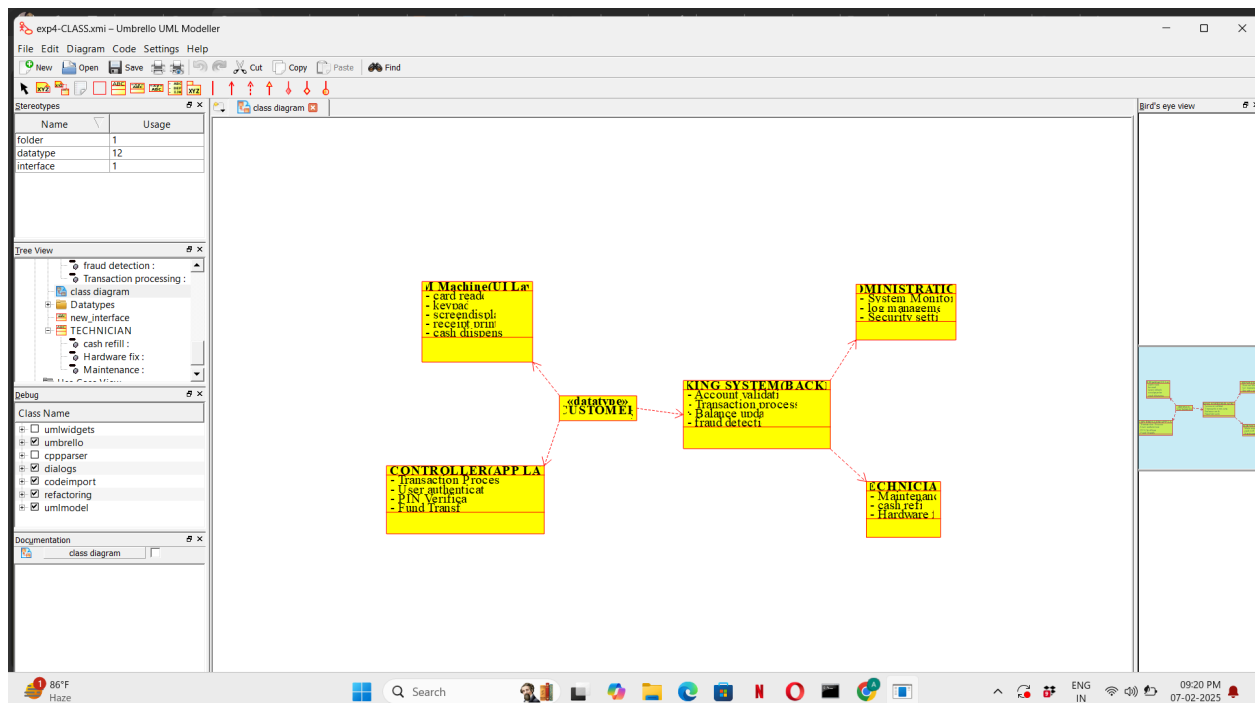
1. **Identify Actors:** Customer, Banking System, Administrator, Technician.
2. **Identify Use Cases:** Withdraw Cash, Deposit Money, Check Balance, Transfer Funds, Change PIN, Print Mini Statement.
3. **Define Banking System Actions:** Verify Credentials, Process Transactions, Update Account Balance.
4. **Define Admin & Technician Roles:** Admin manages settings, Technician handles maintenance.
5. **Draw UML Diagrams:** Use Case, Class, Sequence, and Activity diagrams to represent interactions and processes.

## **DIAGRAM**

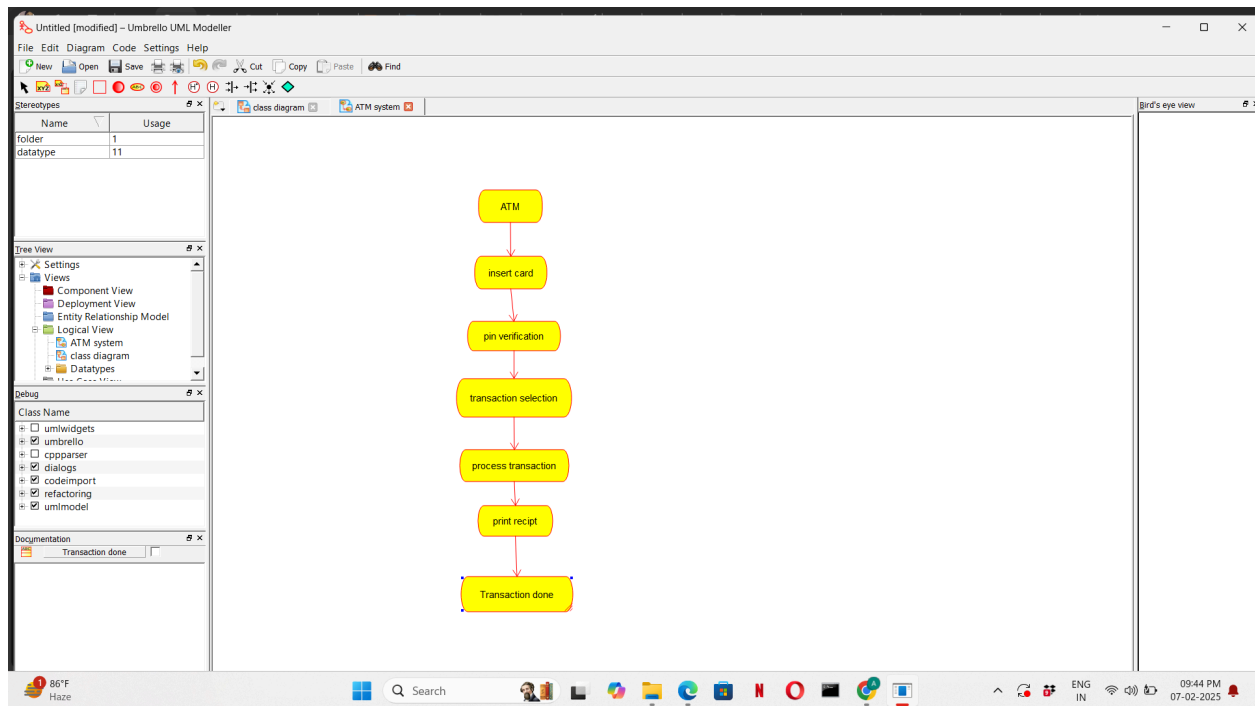
### **USE CASE DIAGRAM**



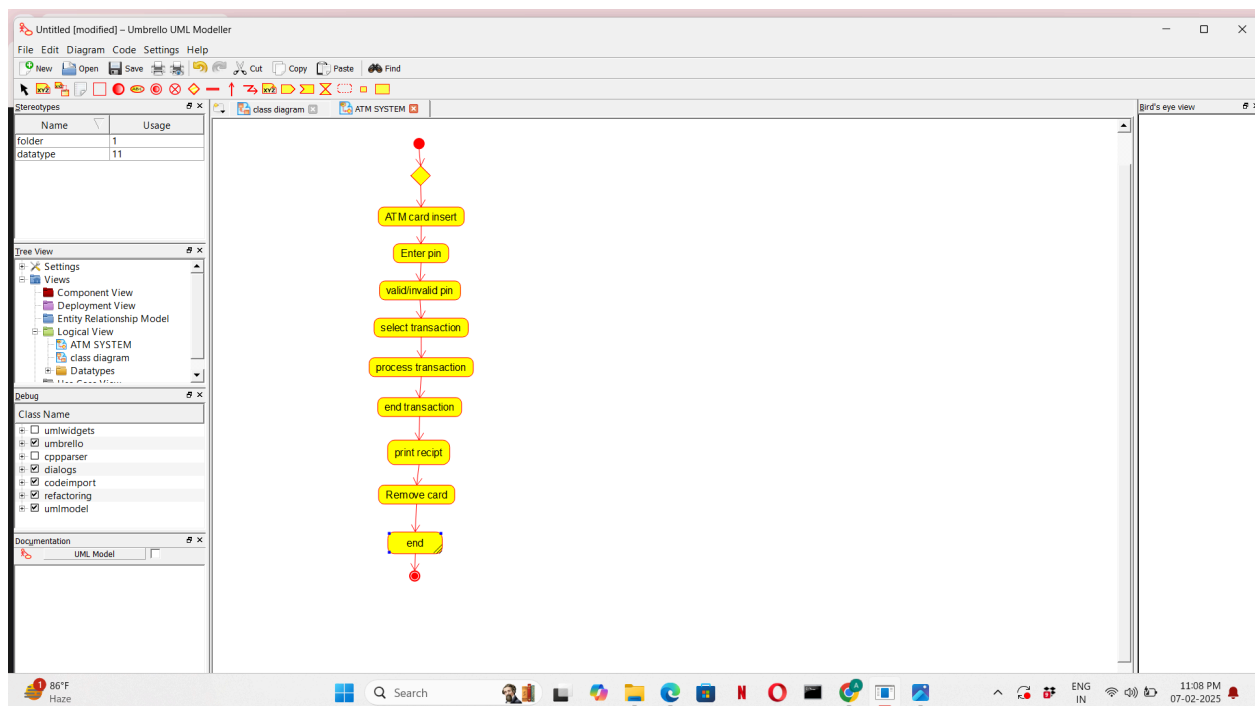
## CLASS DIAGRAM



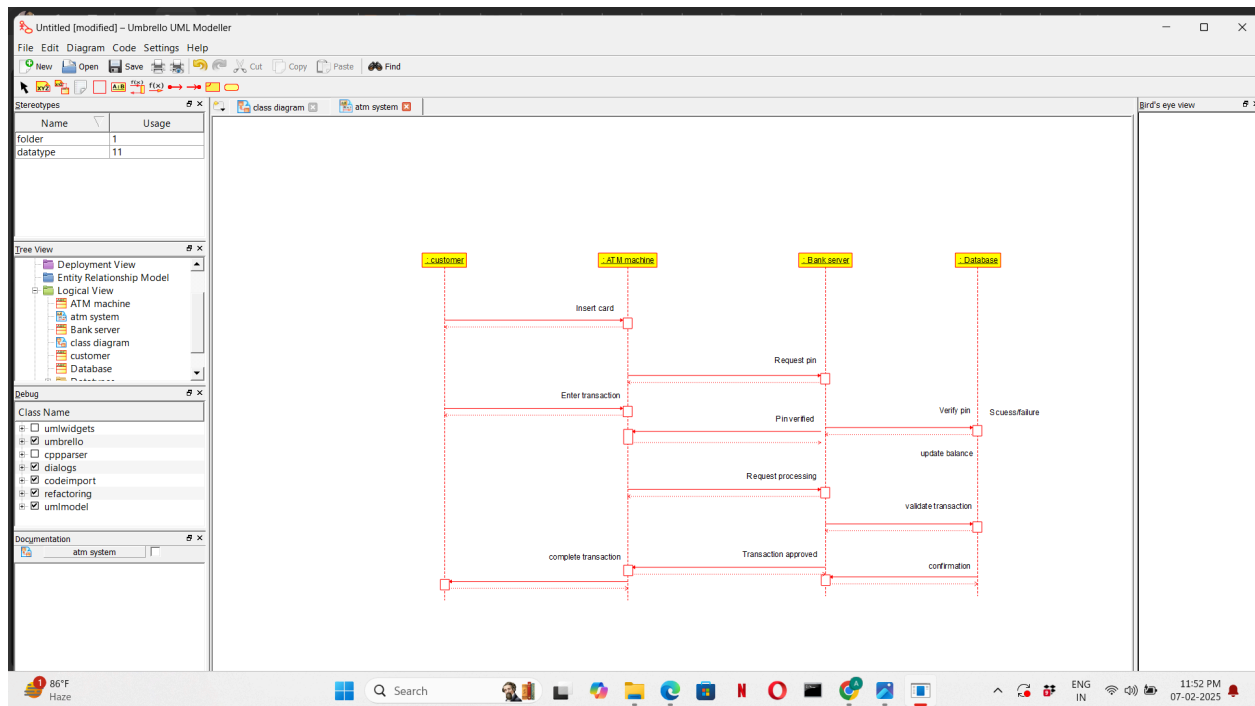
## ACTIVITY DIAGRAM



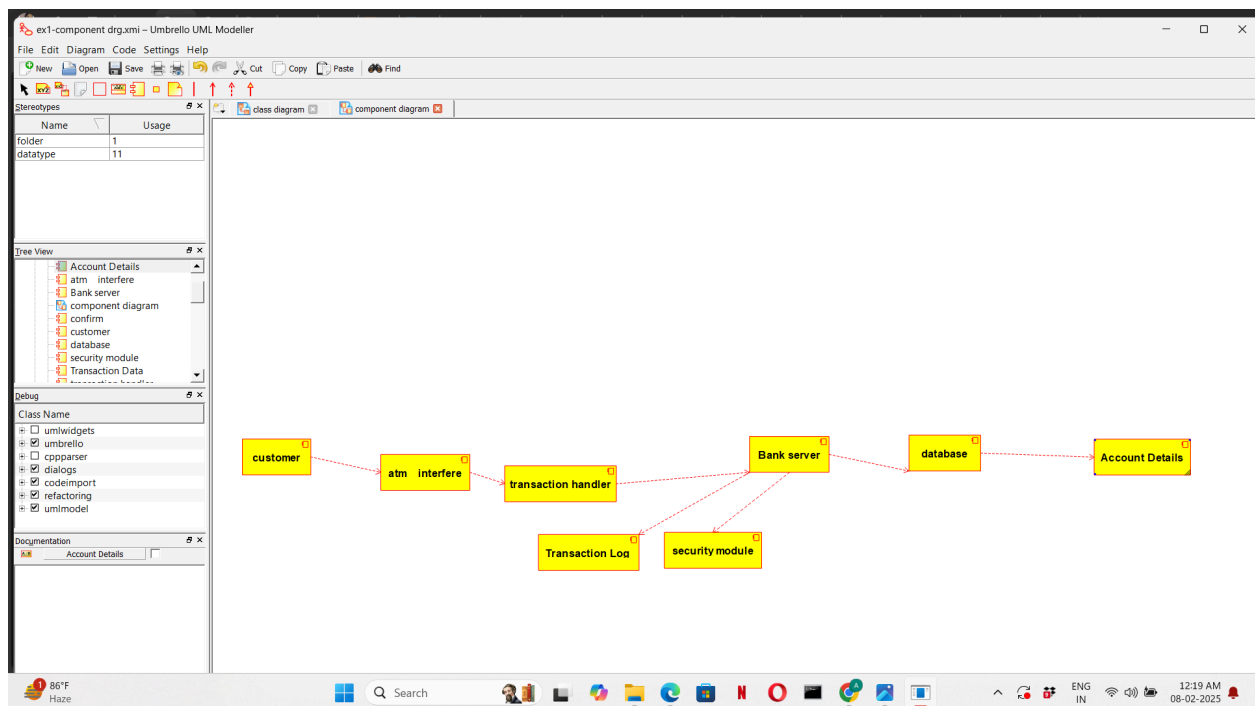
## STATE DIAGRAM

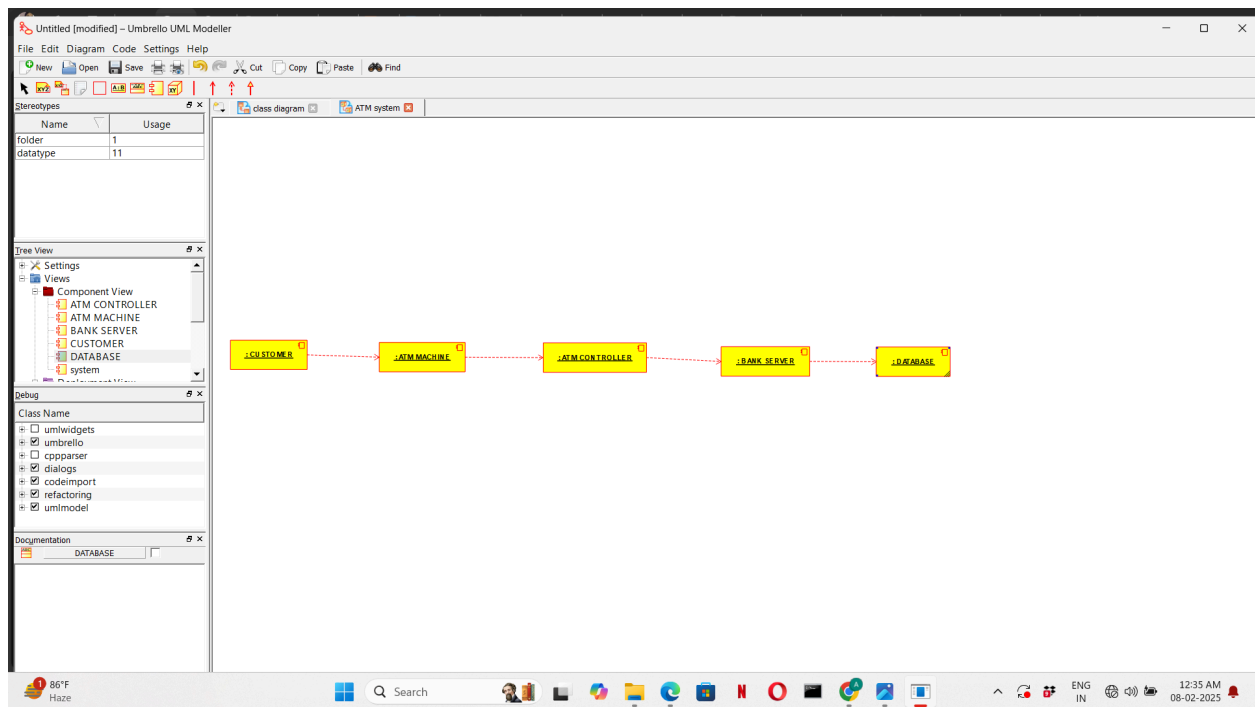


## SEQUENCE DIAGRAM

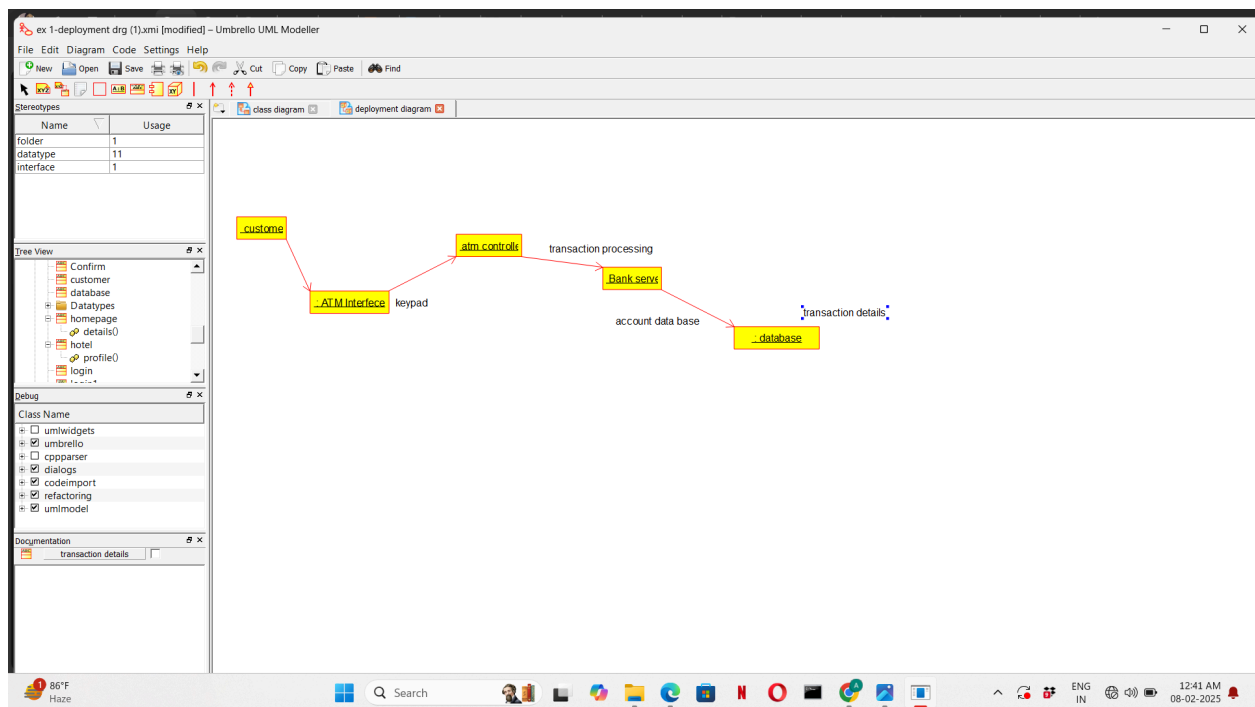


## COMPONENT DIAGRAM





## DEPLOYMENT DIAGRAM



## **RESULT**

The UML Diagram for the ATM System has been successfully developed, depicting the roles of customers, banking systems, administrators, and technicians, along with their respective operations within the ATM system.