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.
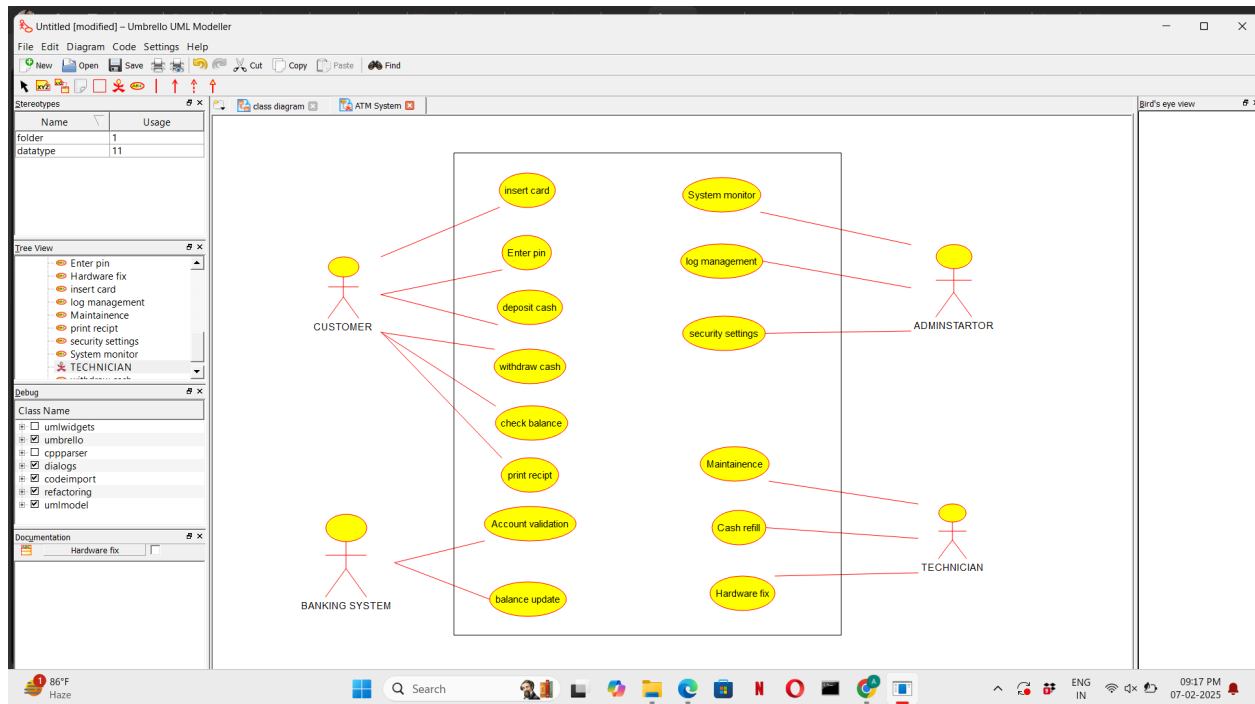
AIM

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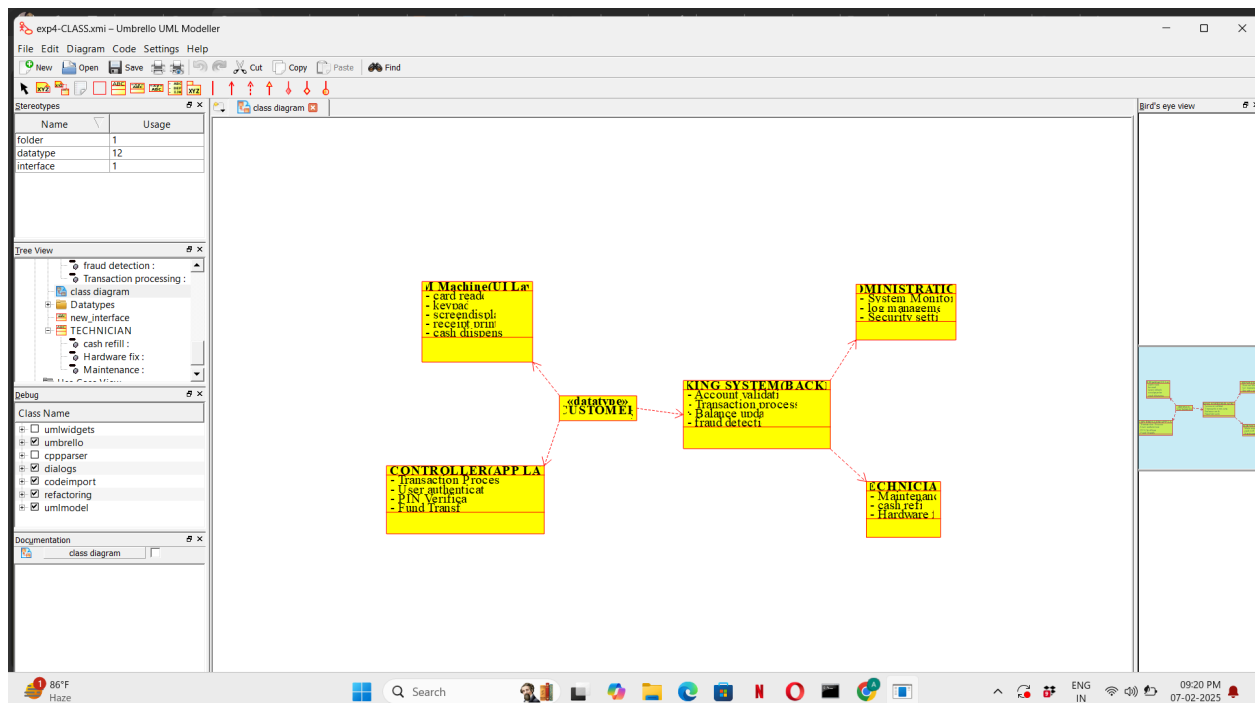
PROCEDURE

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.
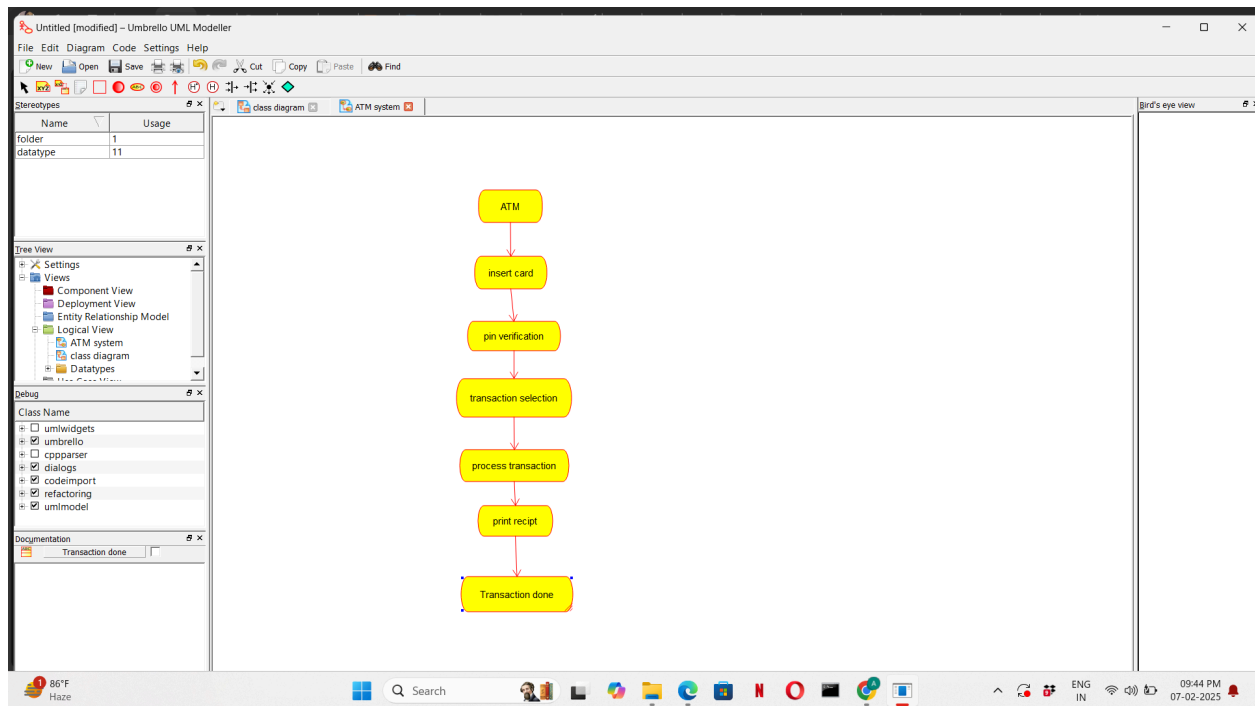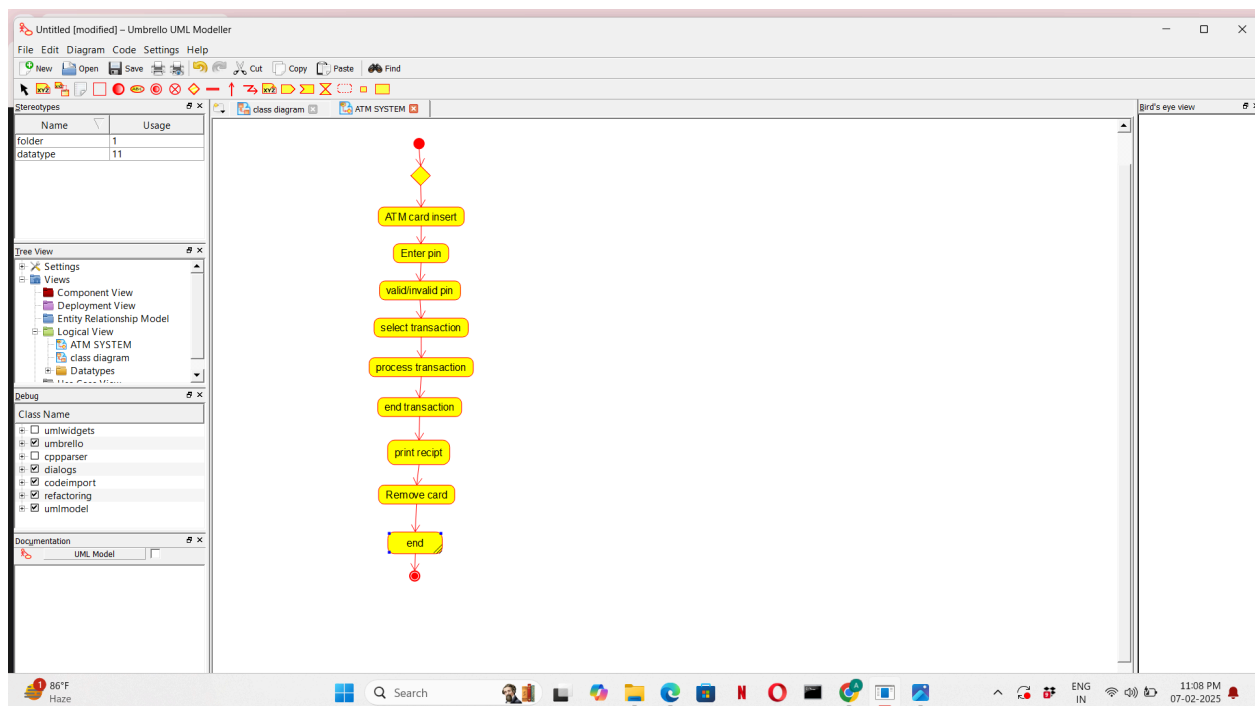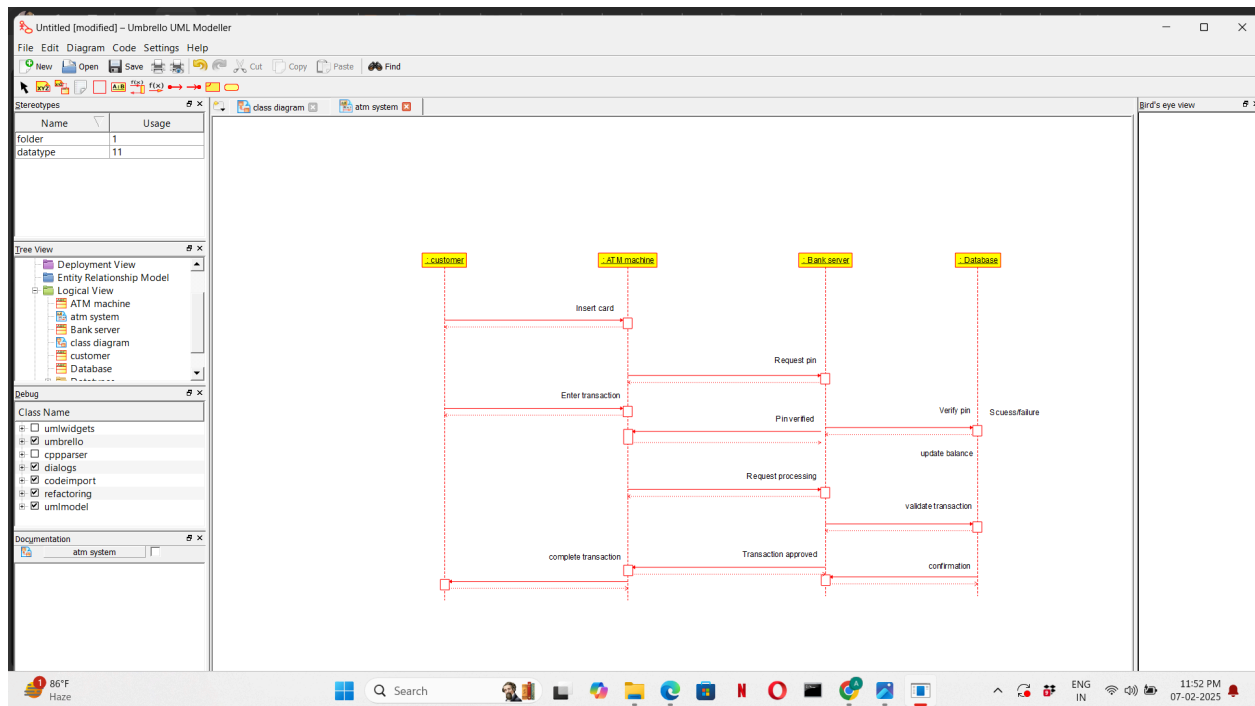
DIAGRAM
USE CASE DIAGRAM

CLASS DIAGRAM

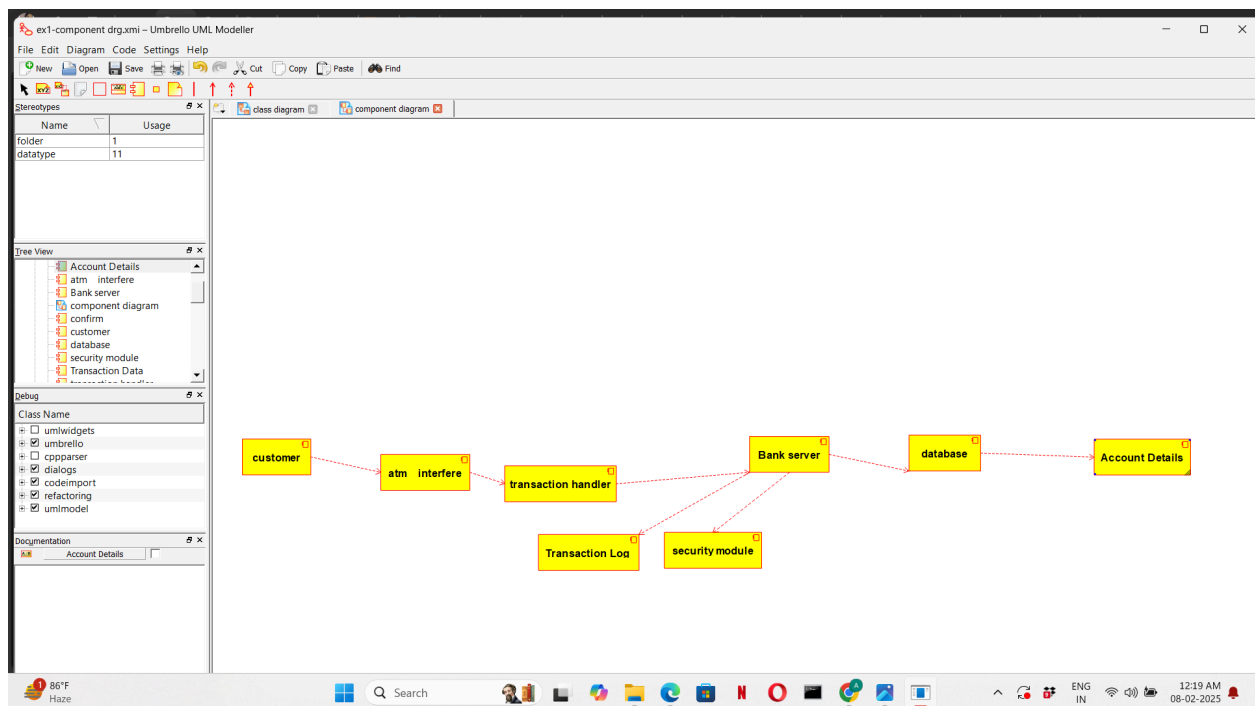

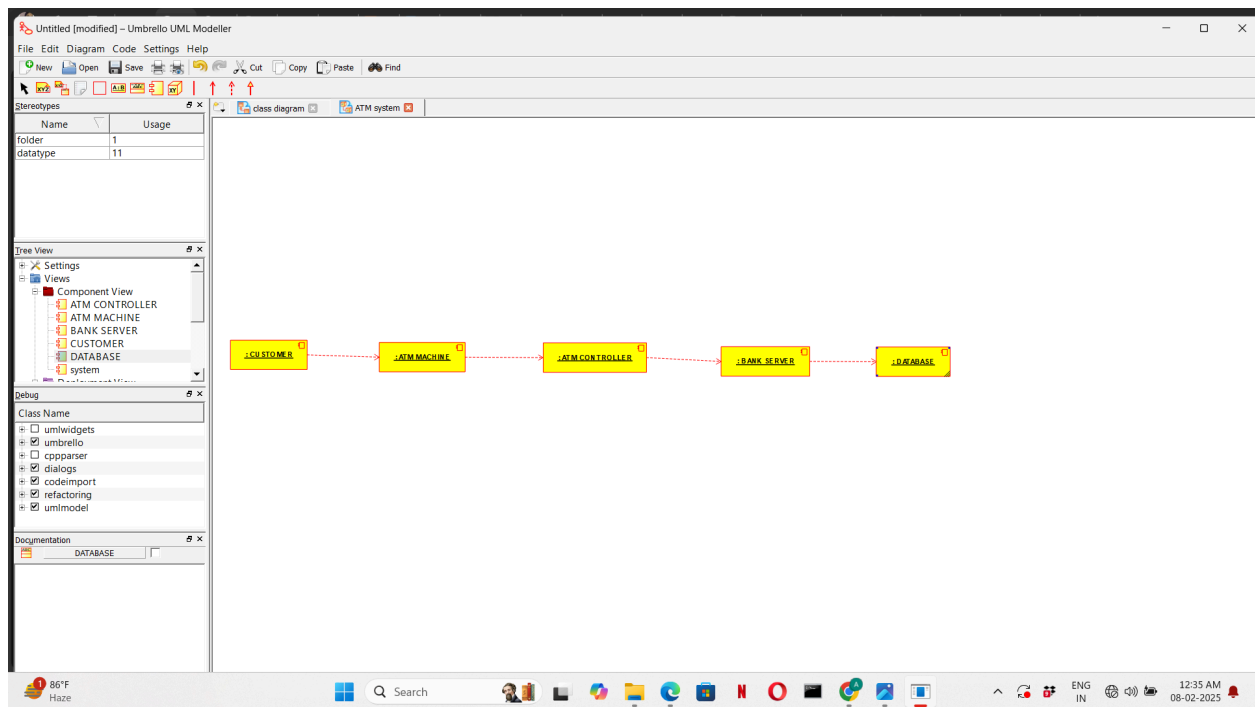# ACTIVITY DIAGRAM

STATE DIAGRAM
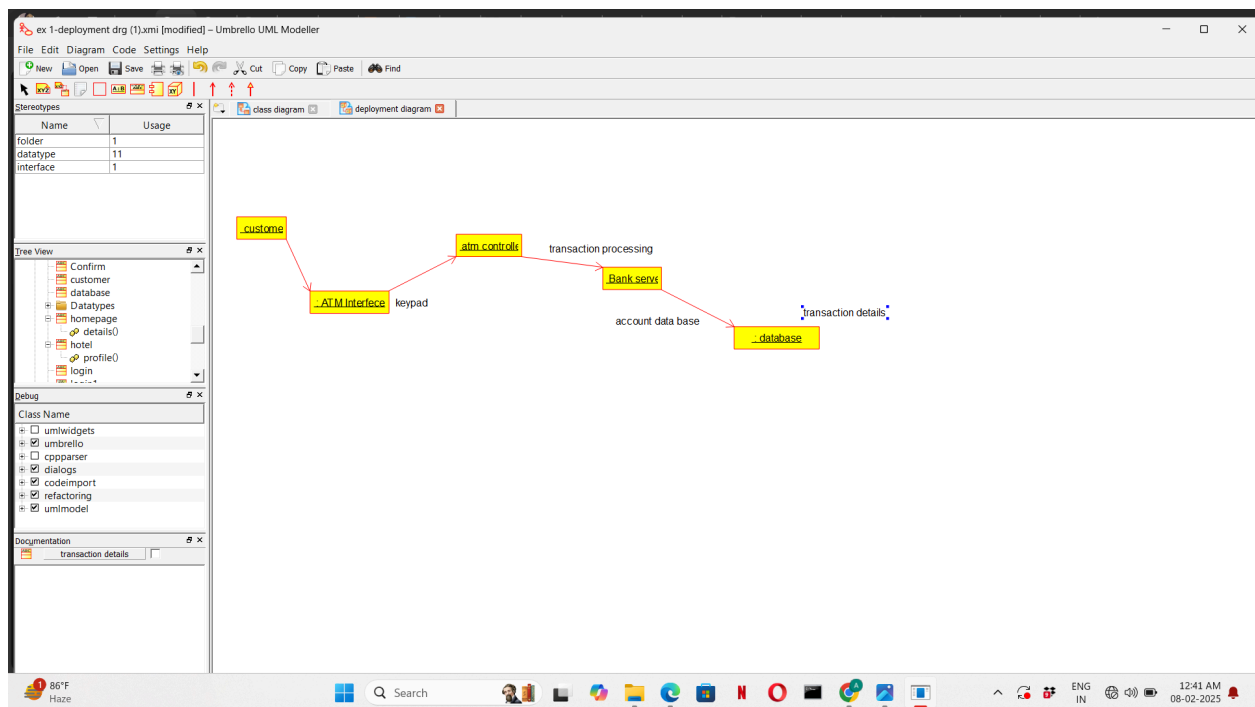

SEQUENCE DIAGRAM

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.