EXPERIMENT: 4

ATM SYSTEM

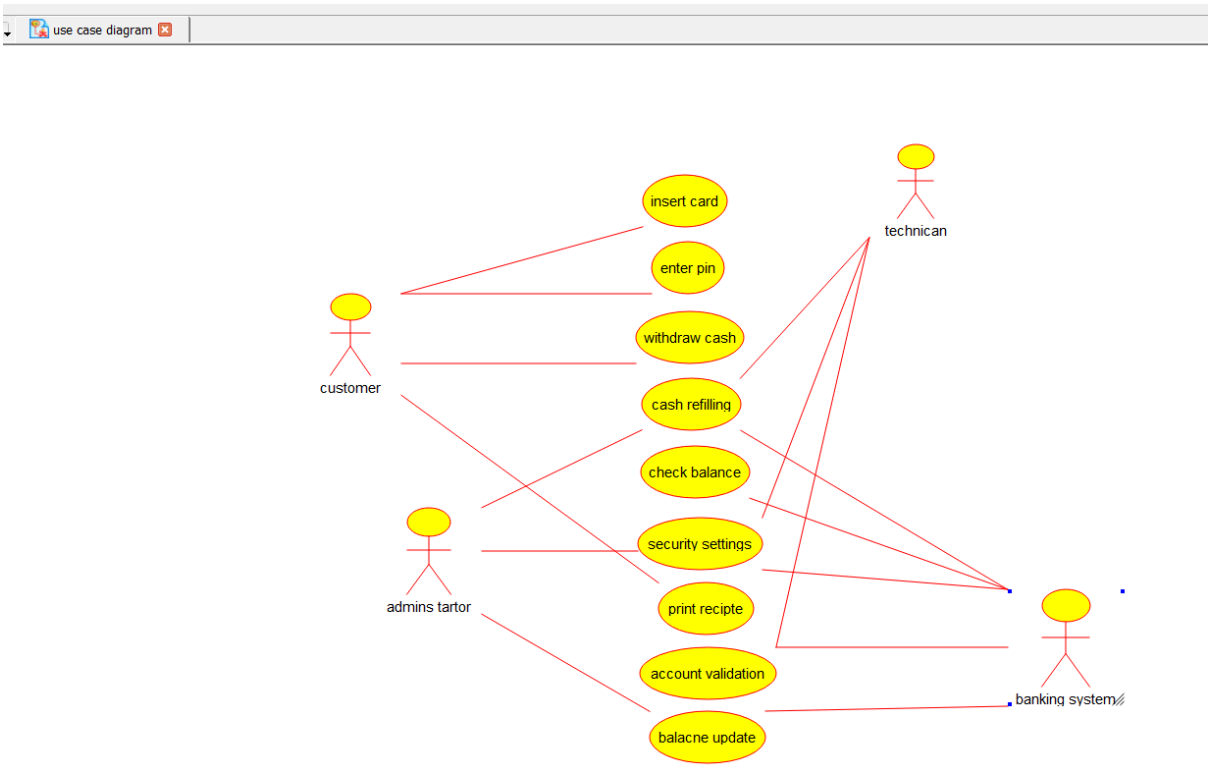
Aim:

To design a UML diagram for an ATM System using a CASE tool, illustrating the interactions between customers, the banking system, administrators, and technicians.

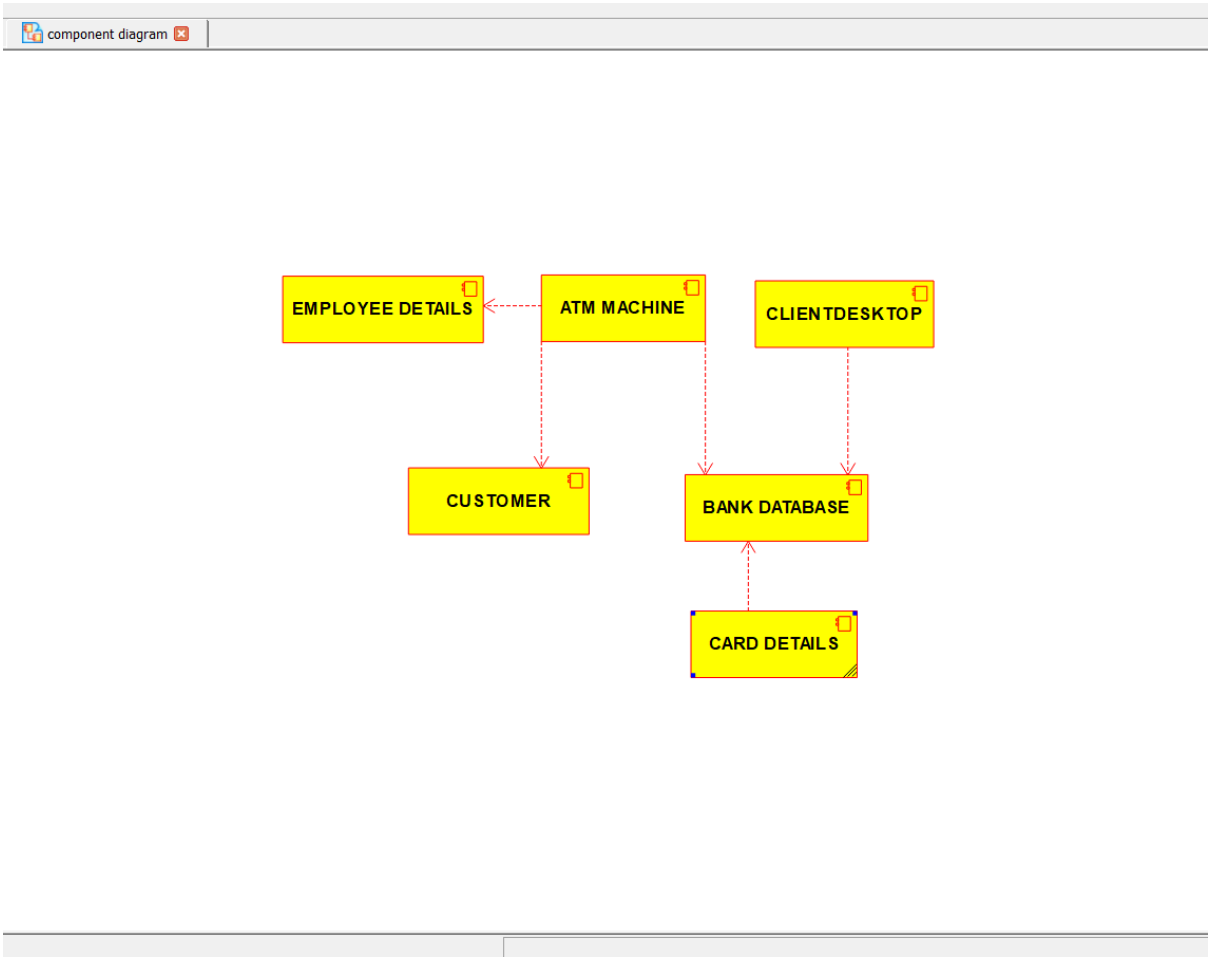
Prodecure:

1. Identify the people and systems involved.
2. List the tasks they can perform.
3. Choose the types of diagrams needed.
4. Create the diagrams using a tool.
5. Check and finalize the diagrams.

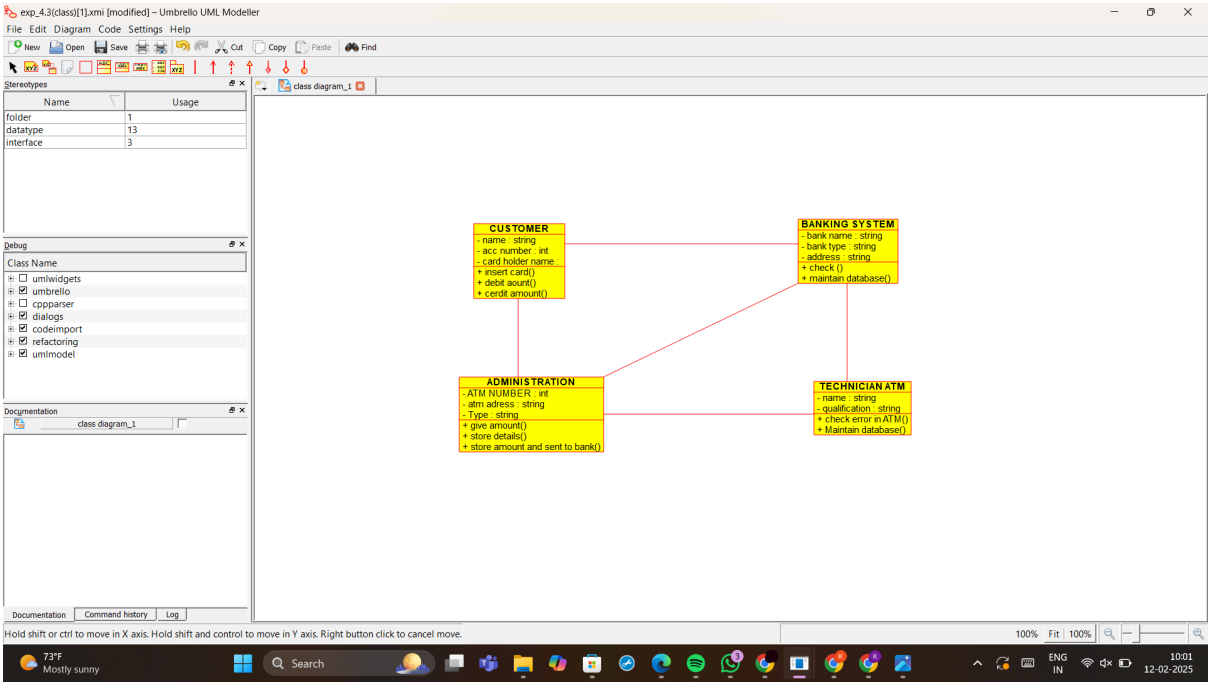
USE CASE DIAGRAM:



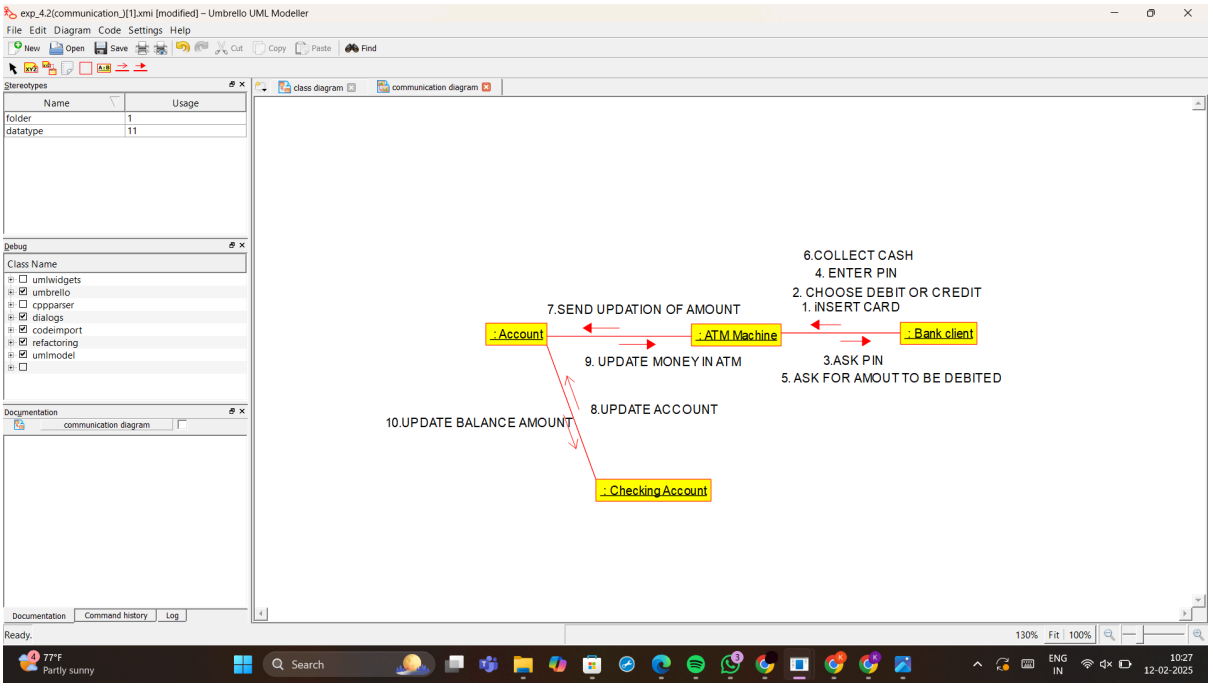
COMPONENT DIAGRAM:



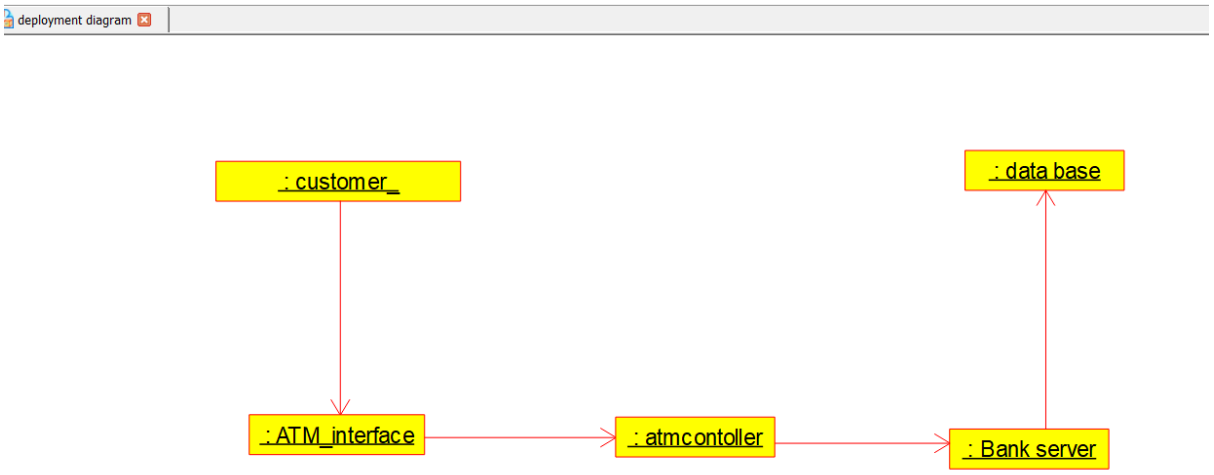
CLASS DIAGRAM:



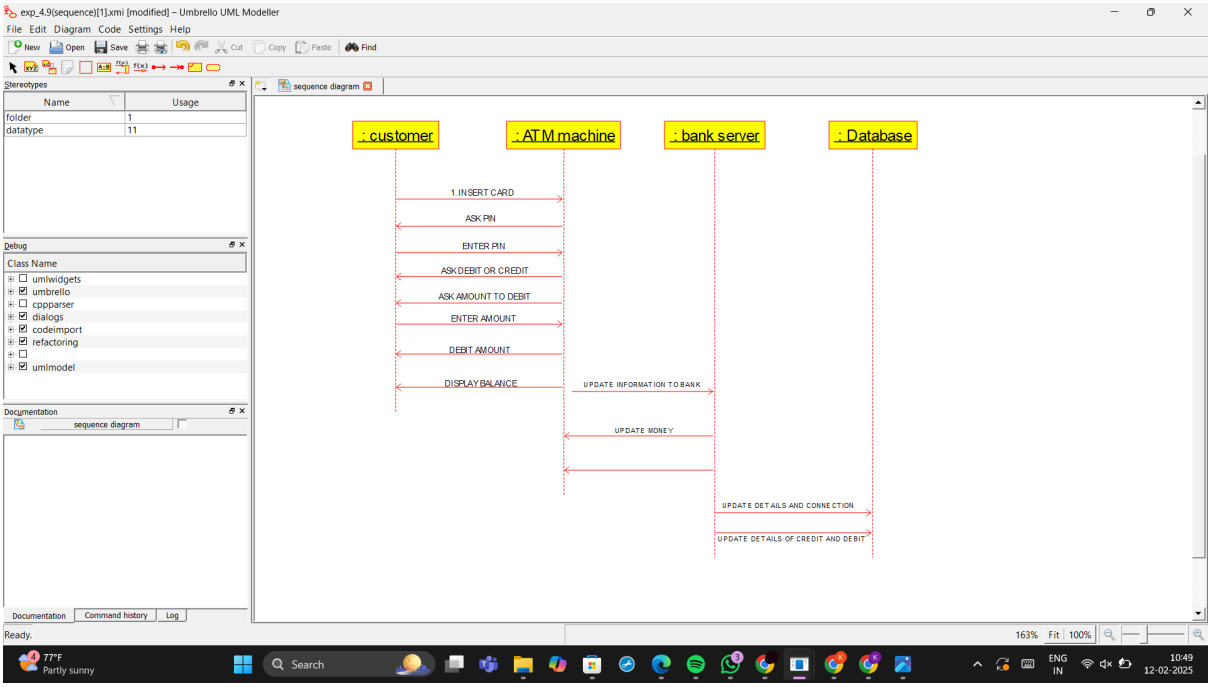
COMMUNICATION DIAGRAM:



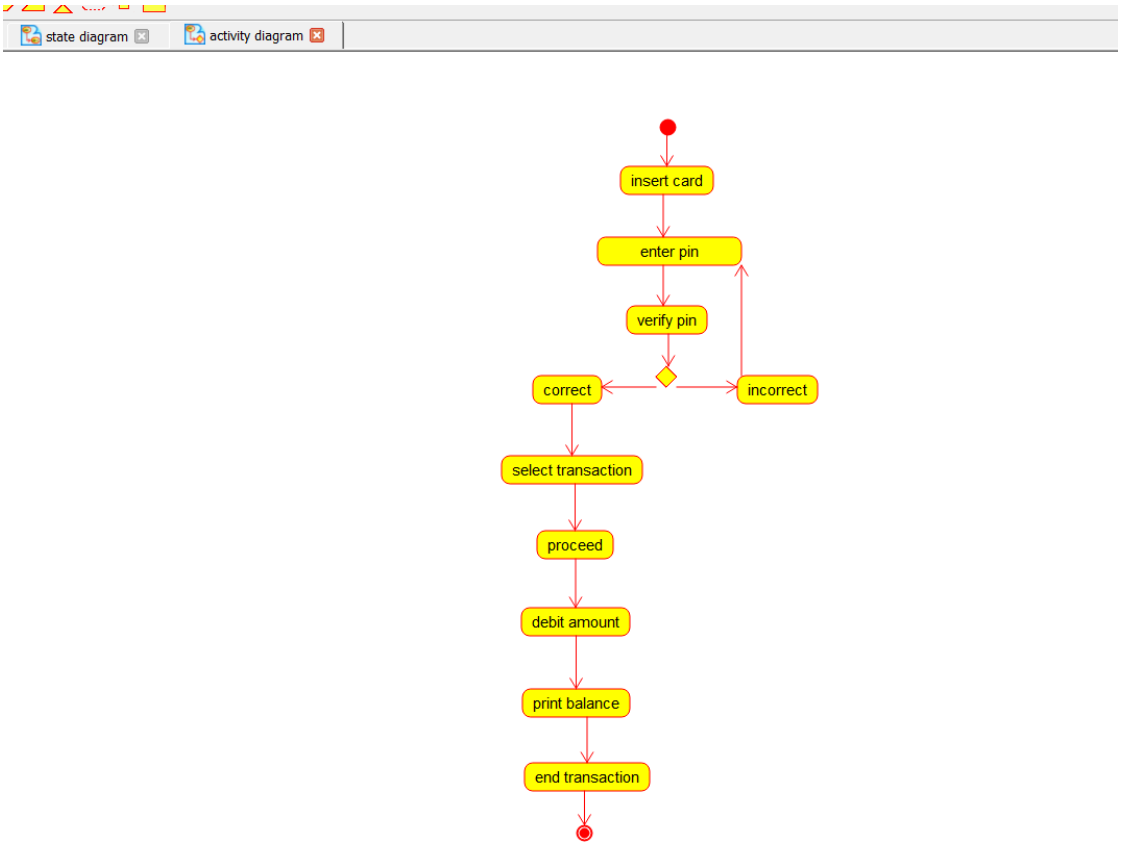
DEPLOYMENT DIAGRAM:



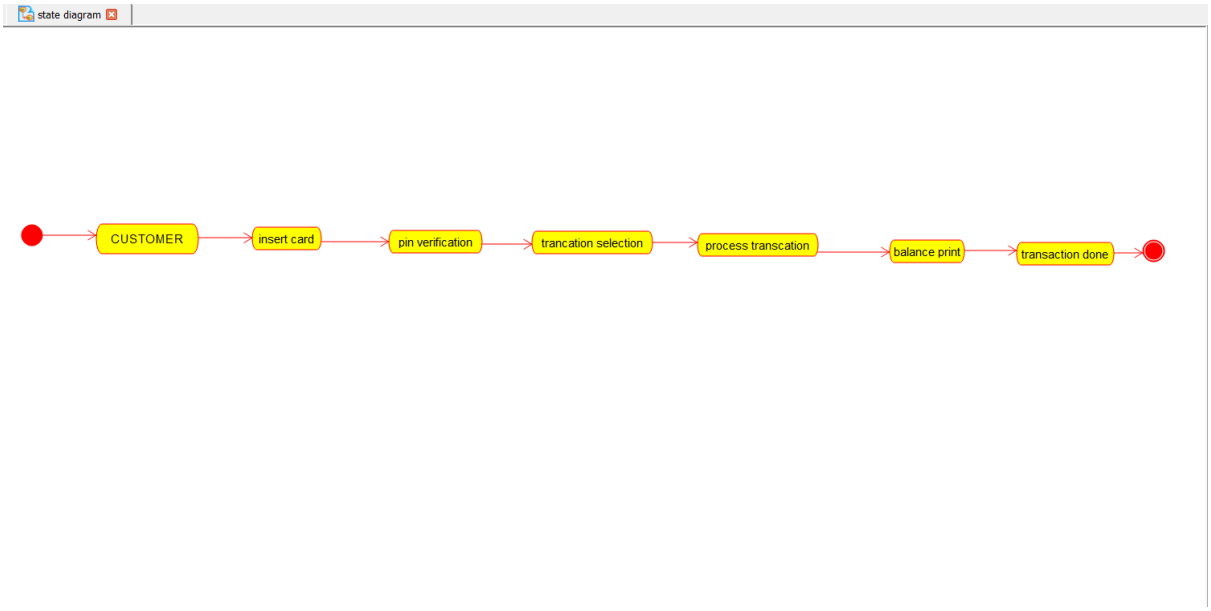
SEQUENCE DIAGRAM:



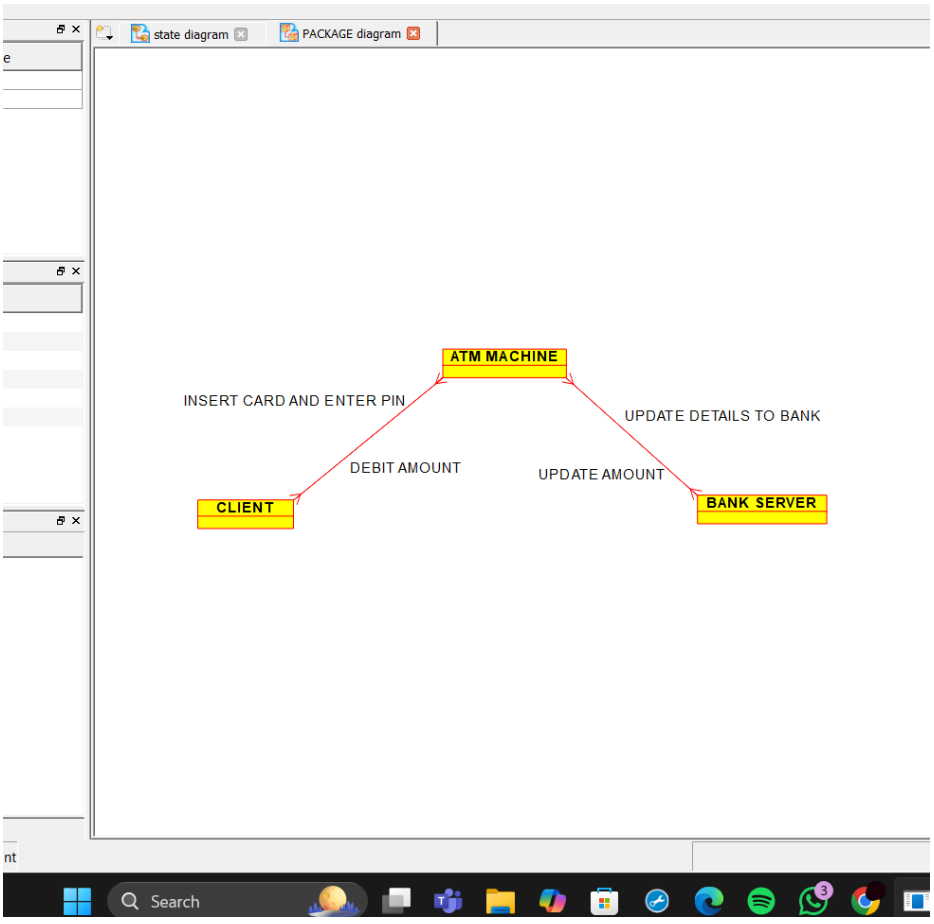
ACTIVITY DIAGRAM:



STATE DIAGRAM:



PACKAGE DIAGRAM:



RESULT:

The UML diagram successfully represents the ATM system's workflow, showing how different actors interact with the system for transactions, administration, and maintenance.