Exp: 4

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.
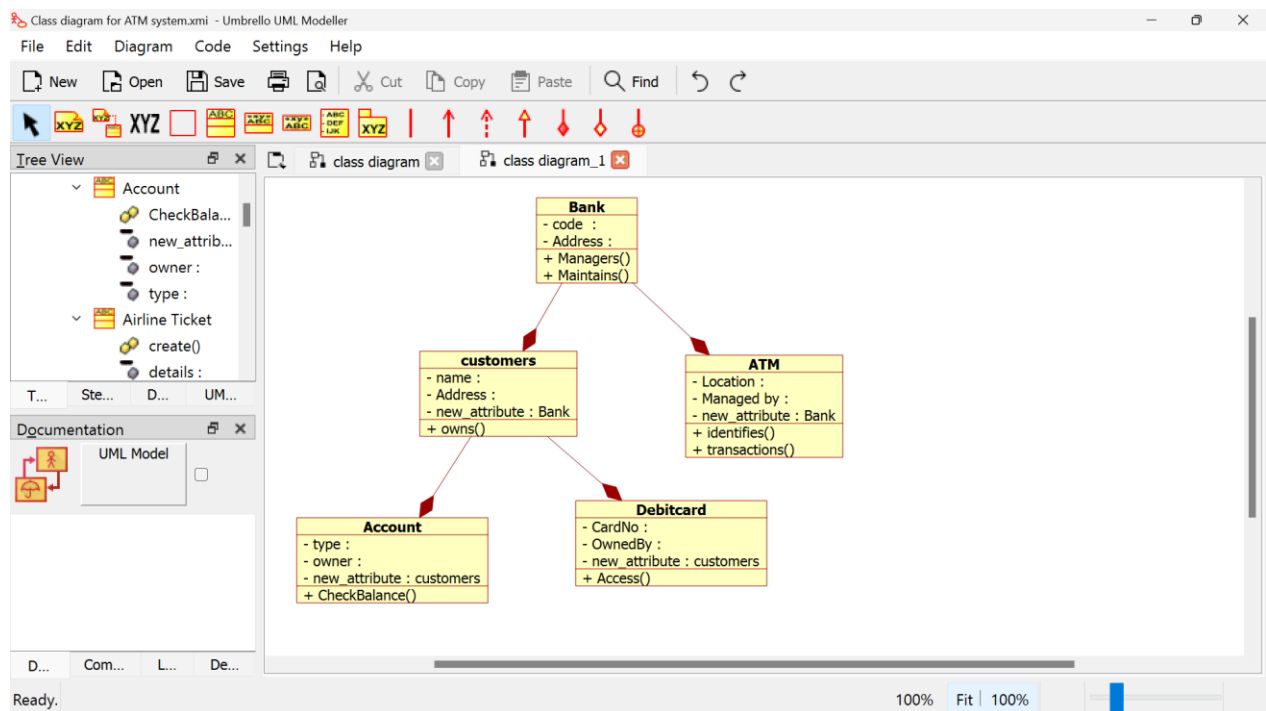
Aim:

To design and develop a UML Diagram for an ATM System using a CASE Tool to illustrate the interactions between customers, the banking system, administrators, and technicians.
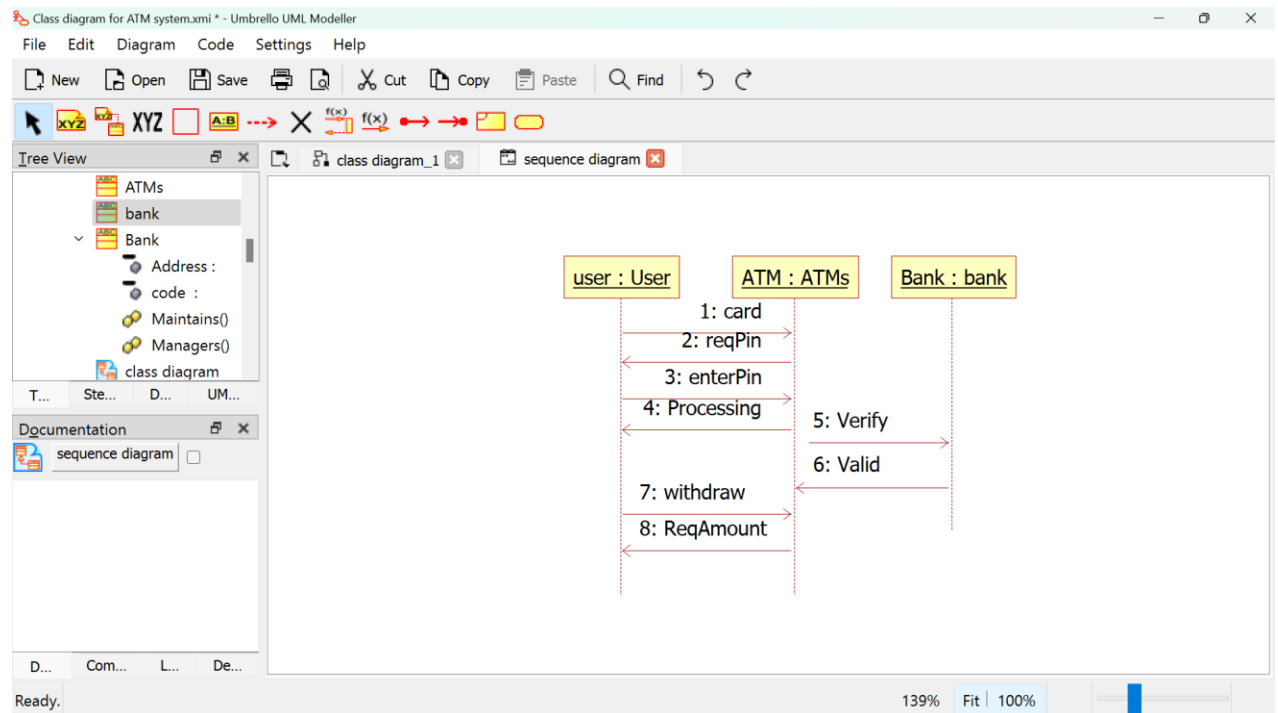
Procedure:

1. Open Umbrello & Create Diagram then Select the appropriate UML diagram type.
2. Add Elements and Insert actors, classes, objects, states, or activities as required.
3. Define Relationships with Connect elements using associations, dependencies, or transitions.
4. Label & Arrange Components of Name all elements properly and structure them clearly.
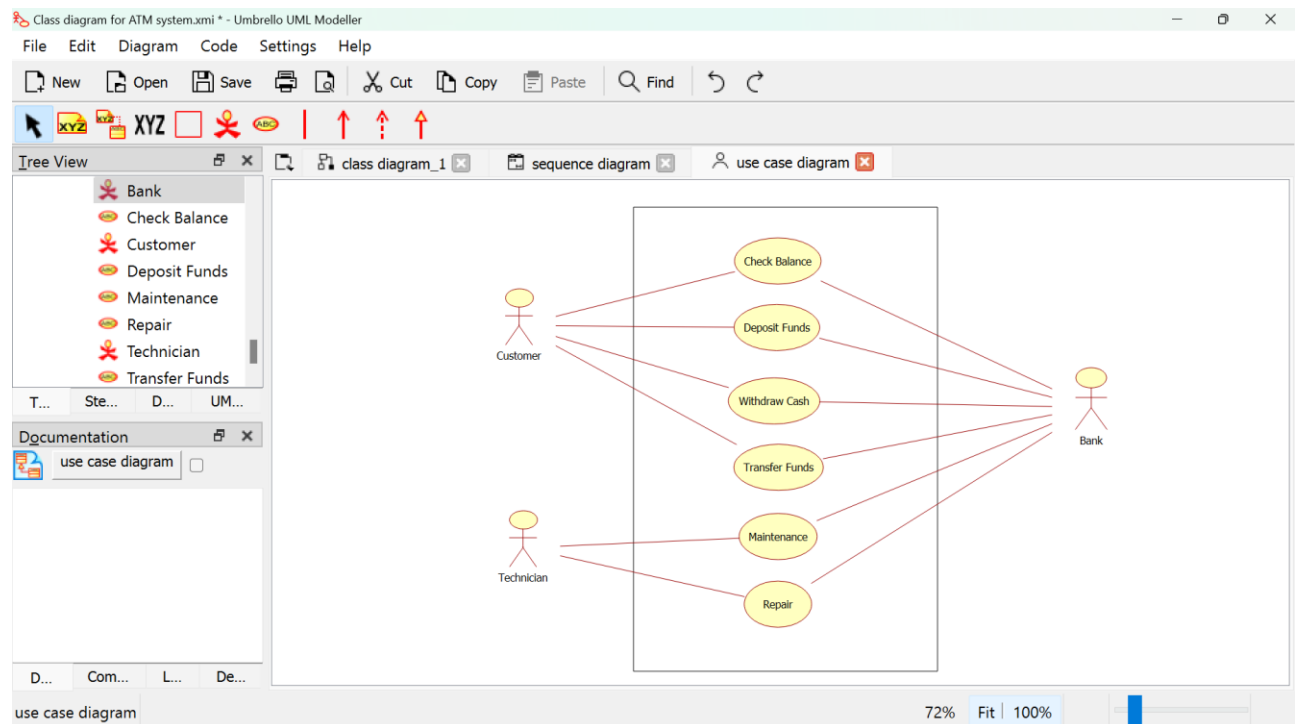5. Save & Export to Finalize the diagram and export it as an image or PDF for documentation.
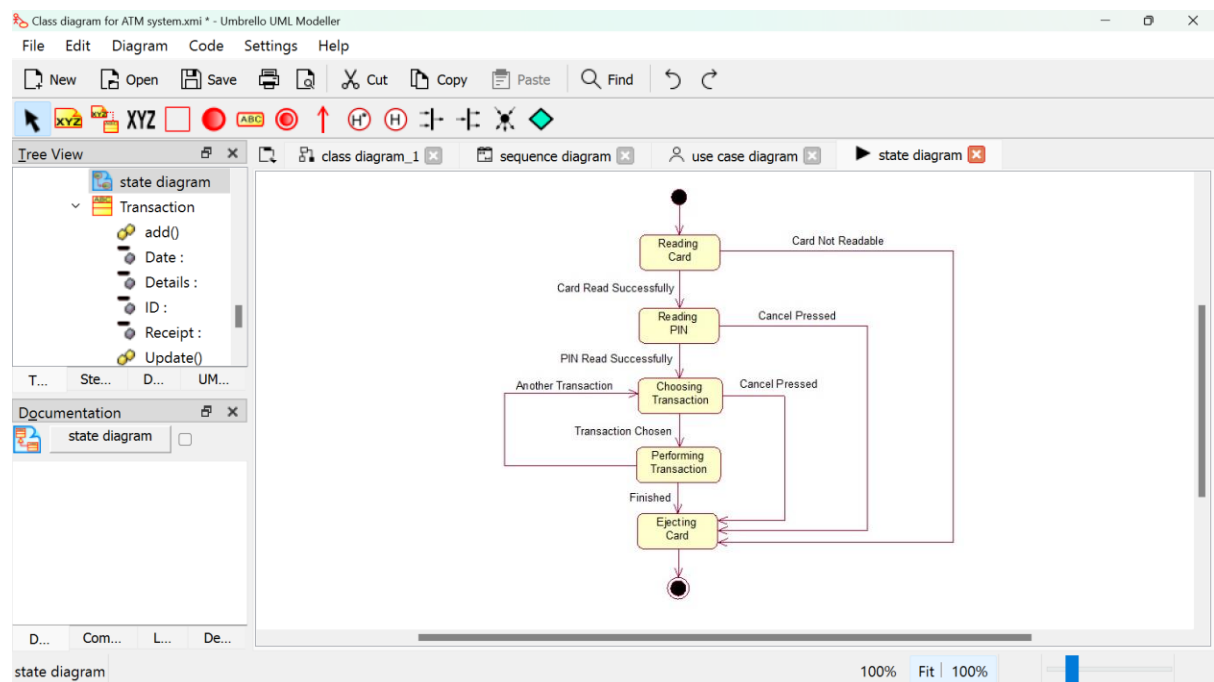
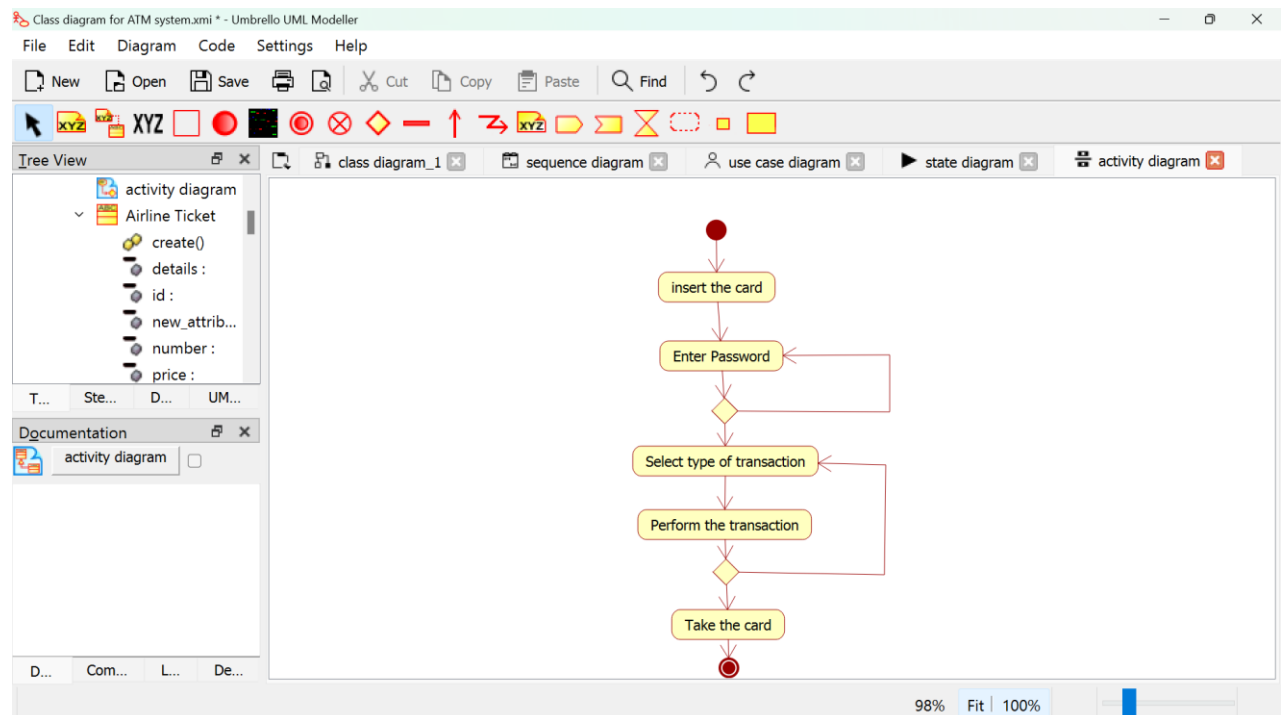## Class Diagram

Sequence diagram
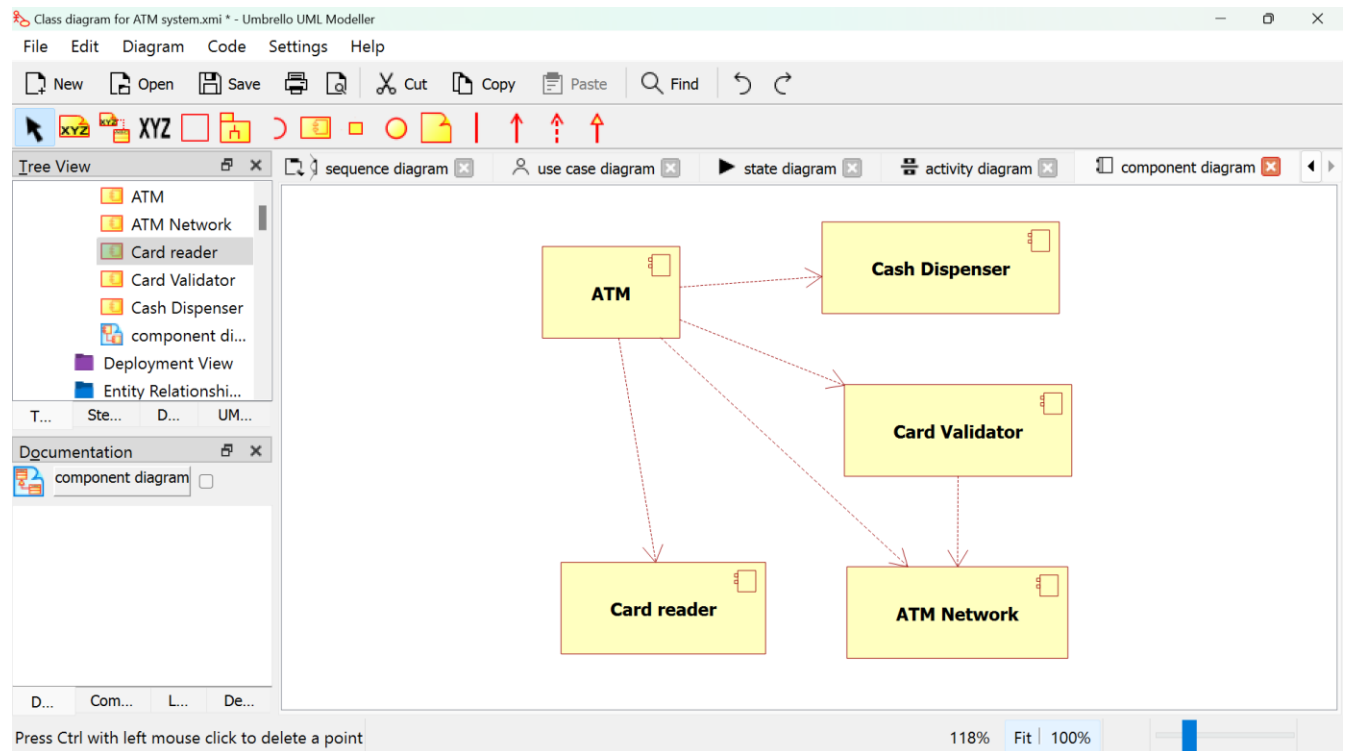

UseCase Diagram

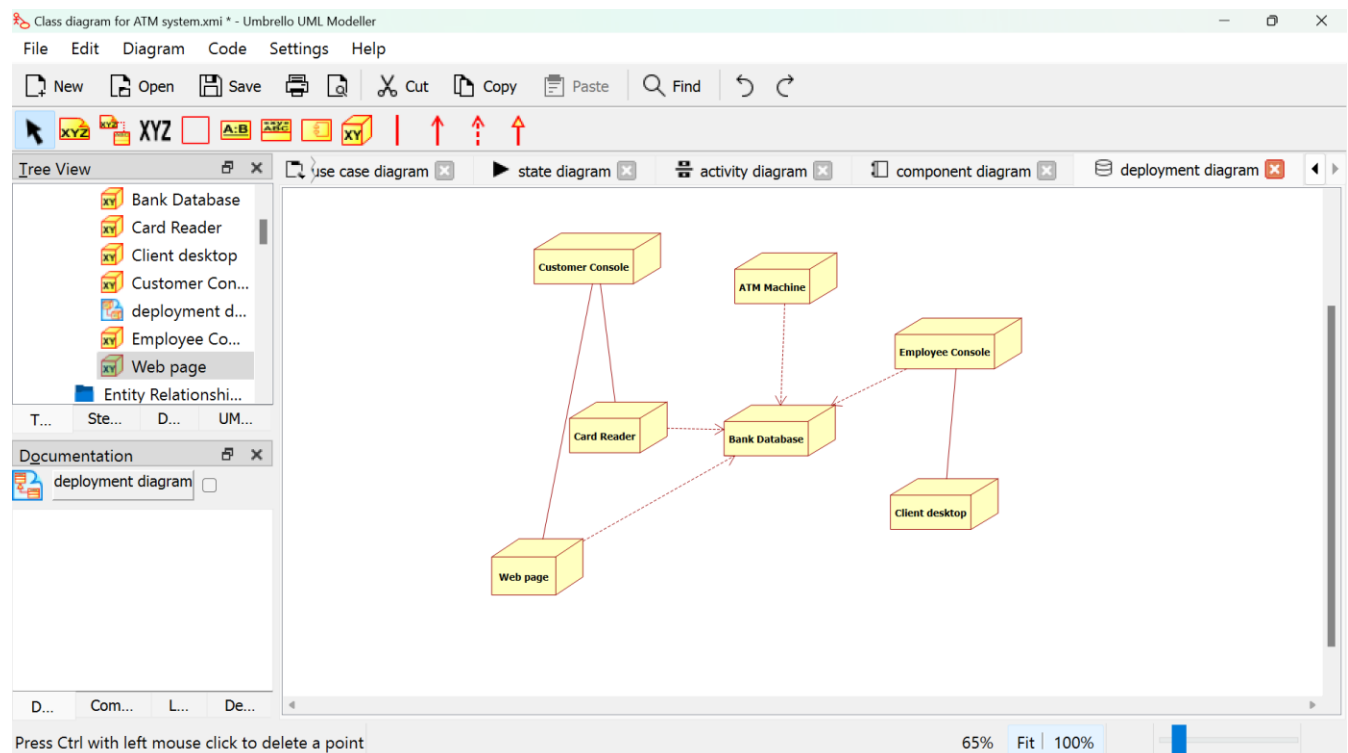# State Diagram
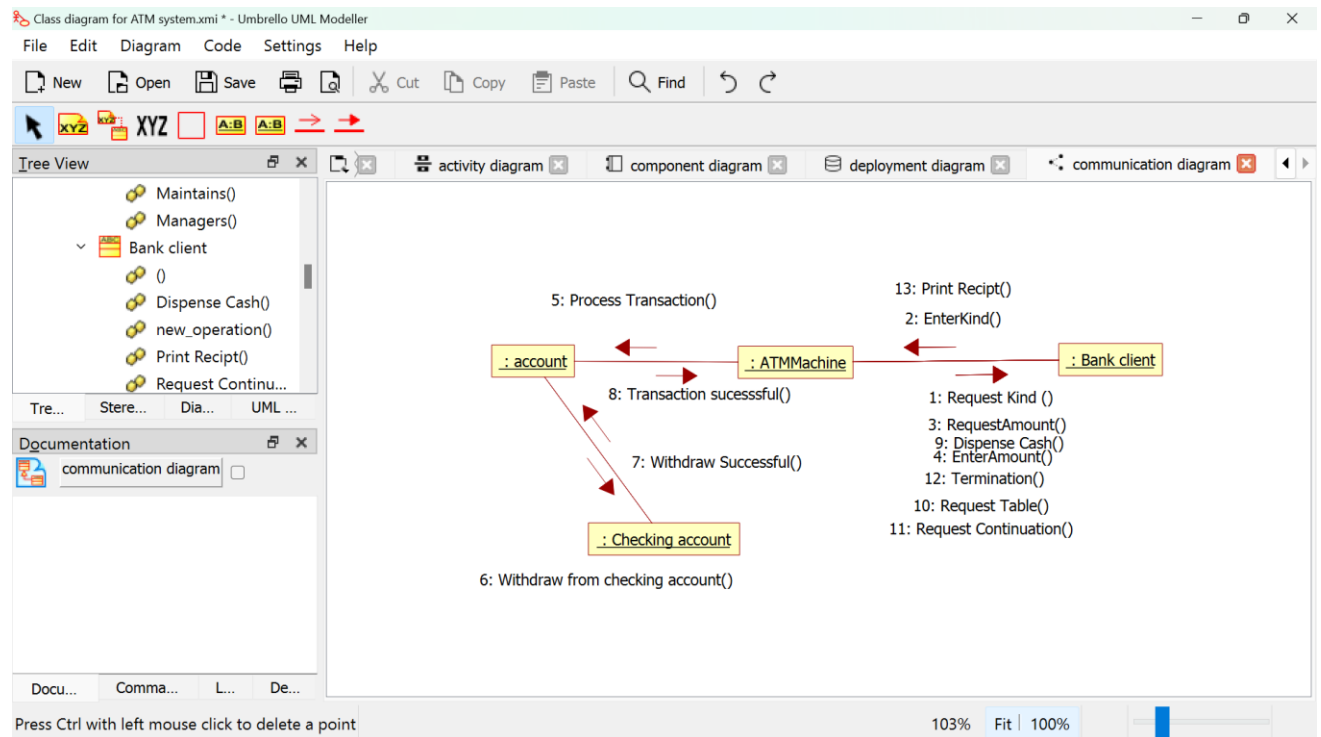

Activity Diagram
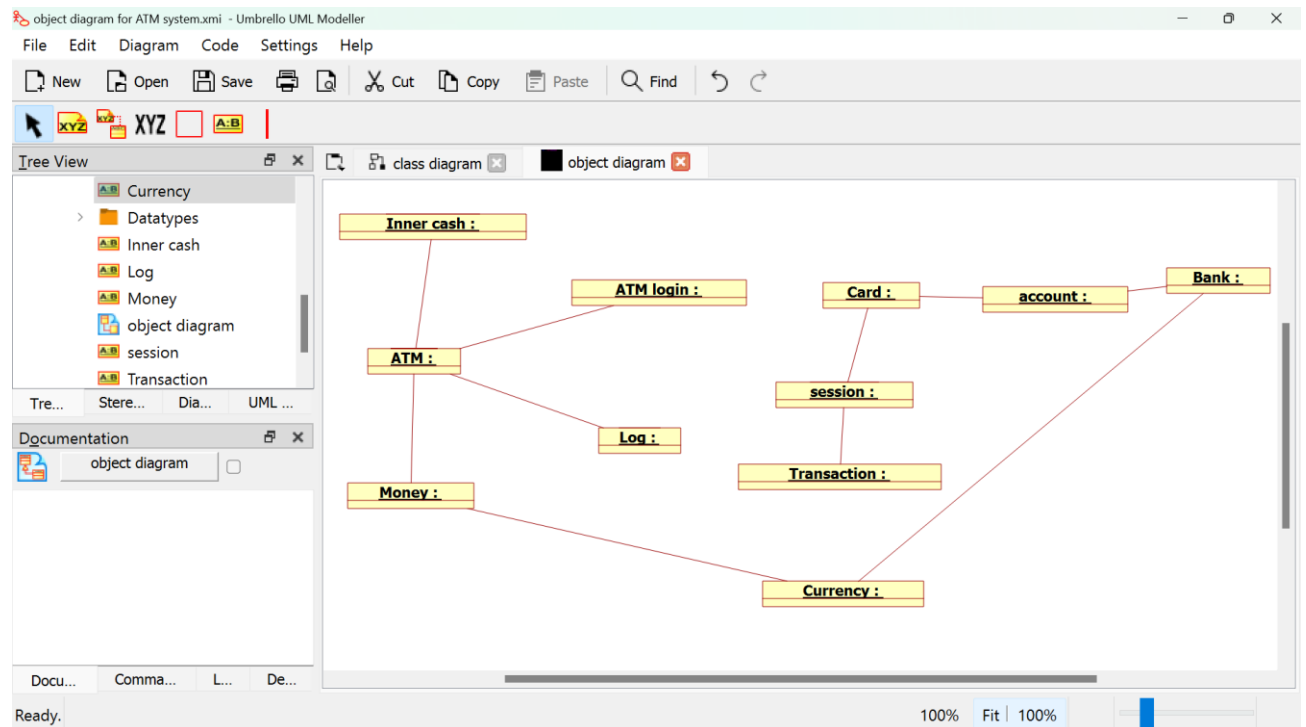
Component Diagram

Deployment Diagram

Communication Diagram

Object Diagram

Result:

Thus the UML diagrams are successfully created using Umbrello Software.