

Exp: 5

Draw a UML diagram for a food ordering system Systems. The activities of the food ordering system are listed below. Receive the Customer food orders, Produce the customer ordered food, Serve the customer with their ordered food, collect payment from Customers, Store customer payment details, Order Raw Materials for food products, Pay for Raw Materials and Pay for Labour.

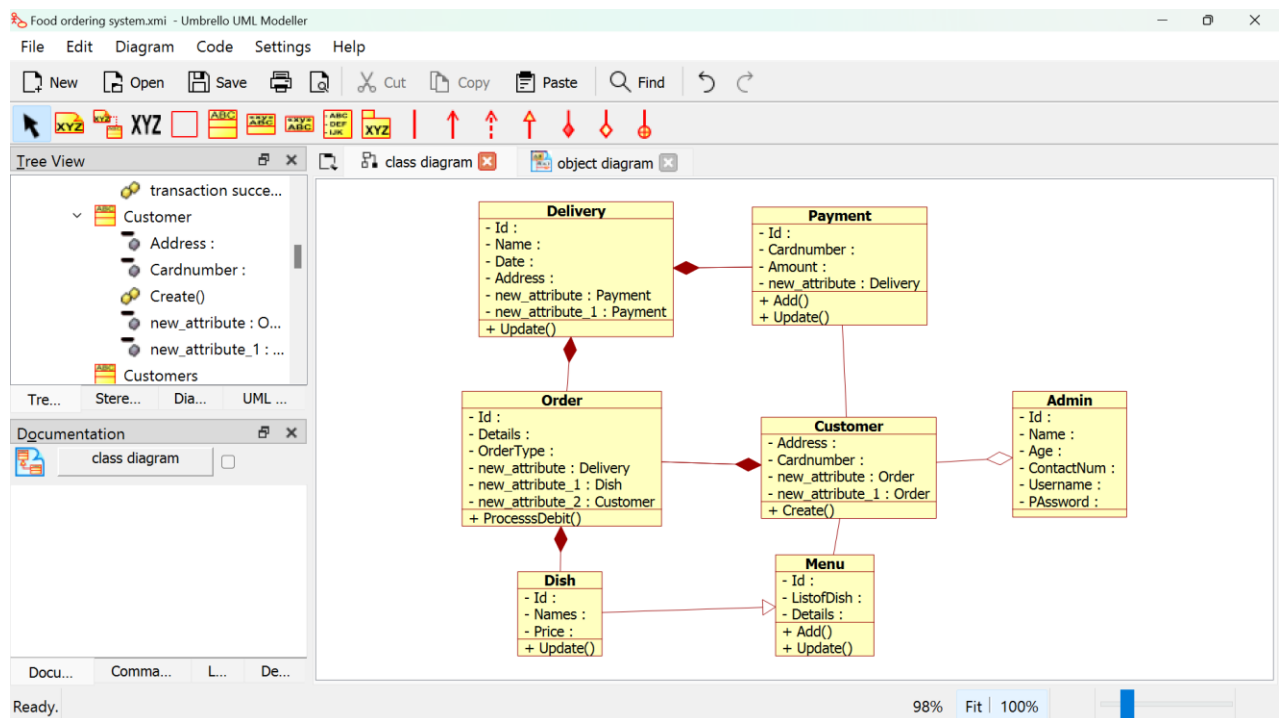
Aim:

To design and develop a UML Diagram for a Food Ordering System that efficiently manages customer orders, food production, payment processing, and inventory management.

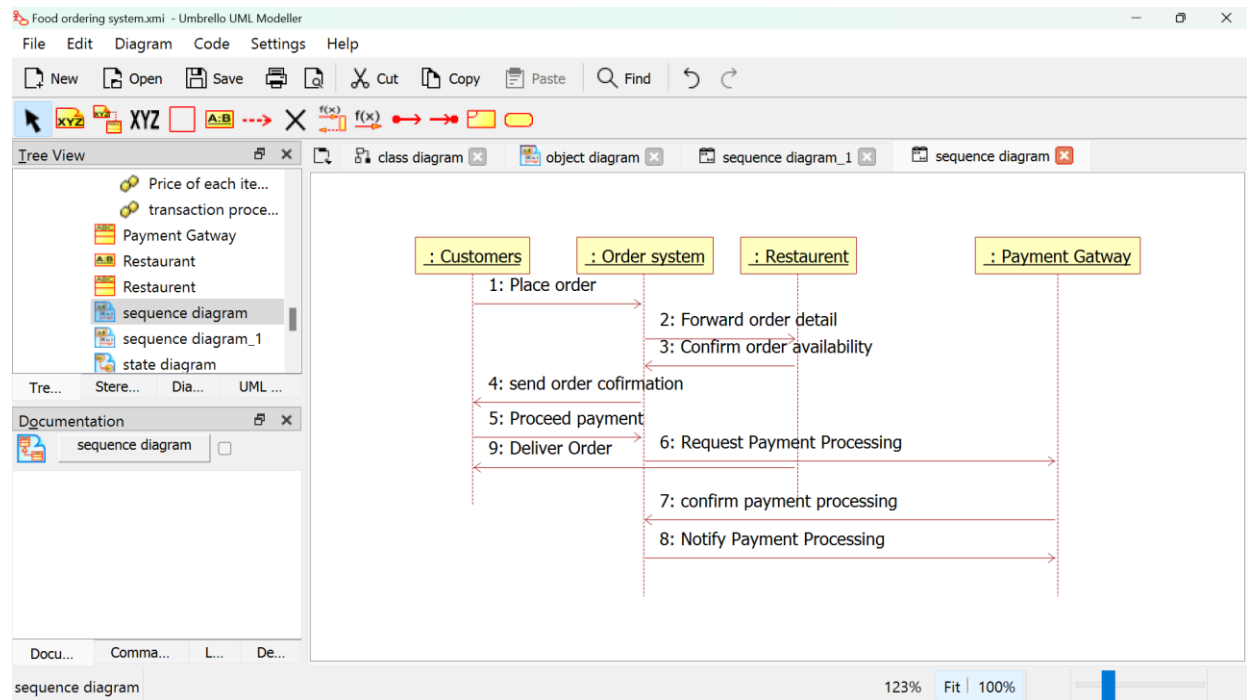
Procedure:

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.

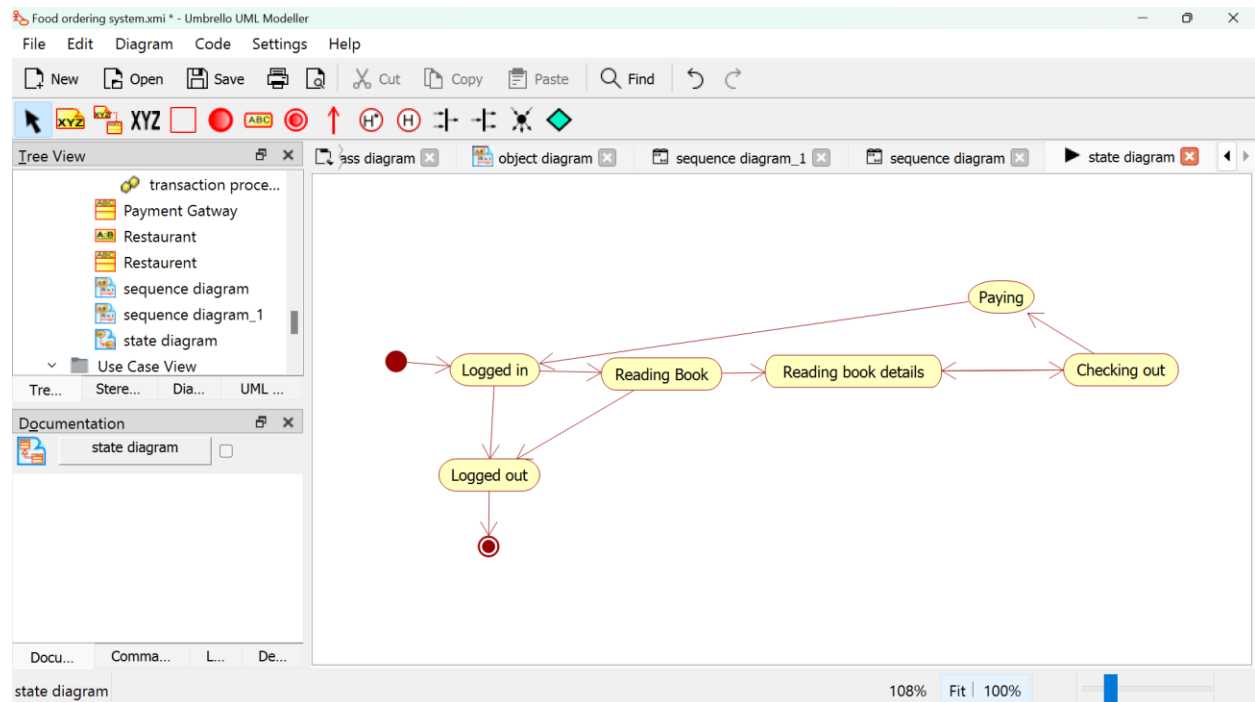
Class Diagram



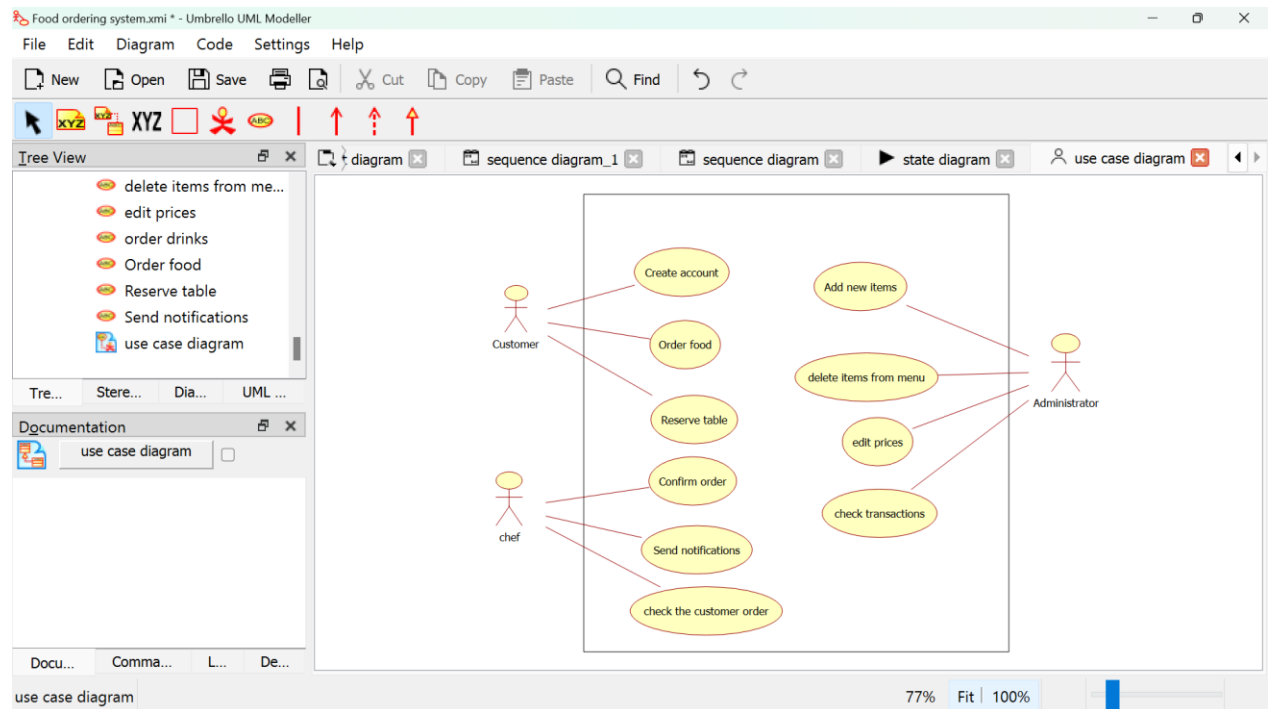
Sequence Diagram



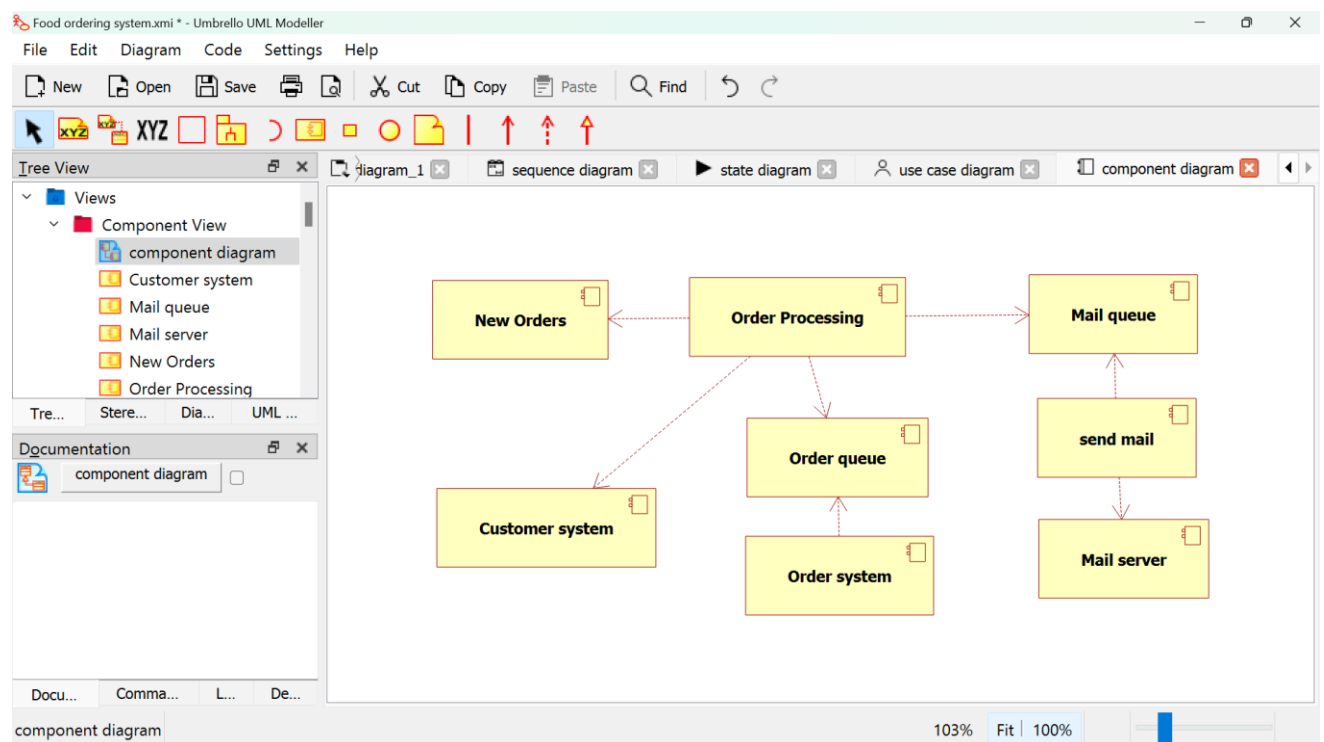
State Diagram



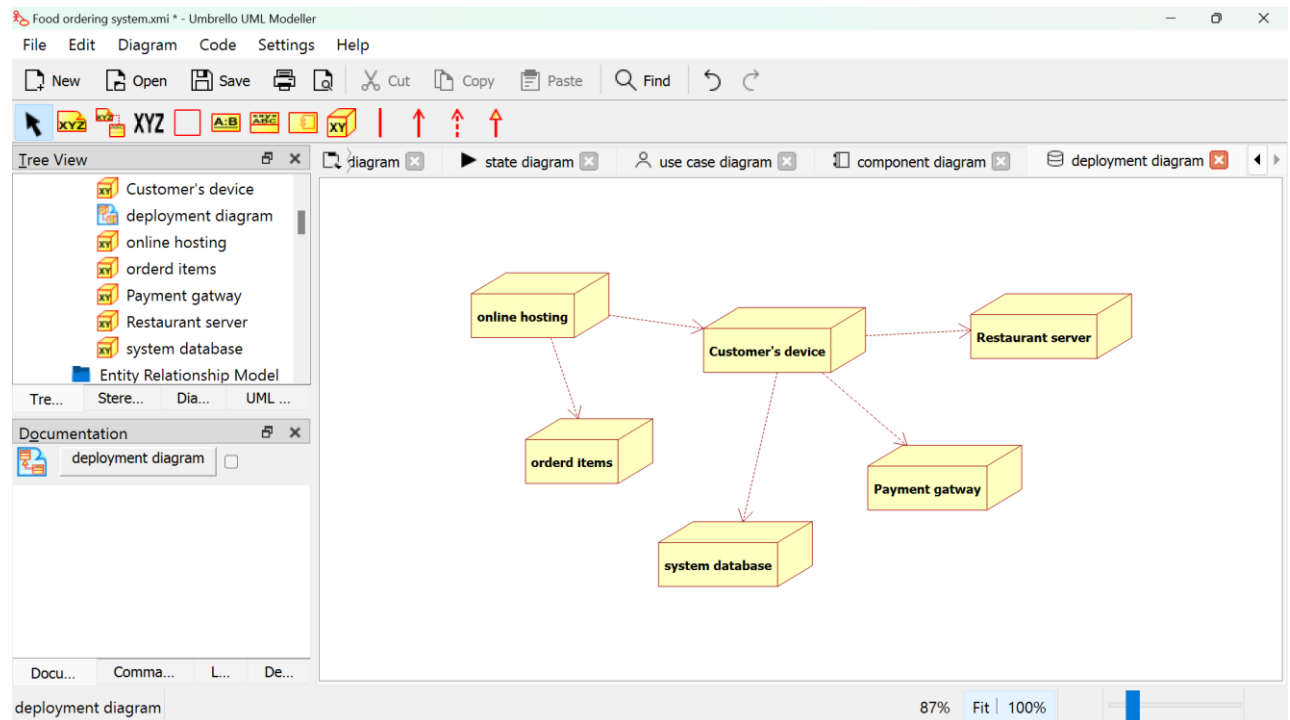
Usecase diagram



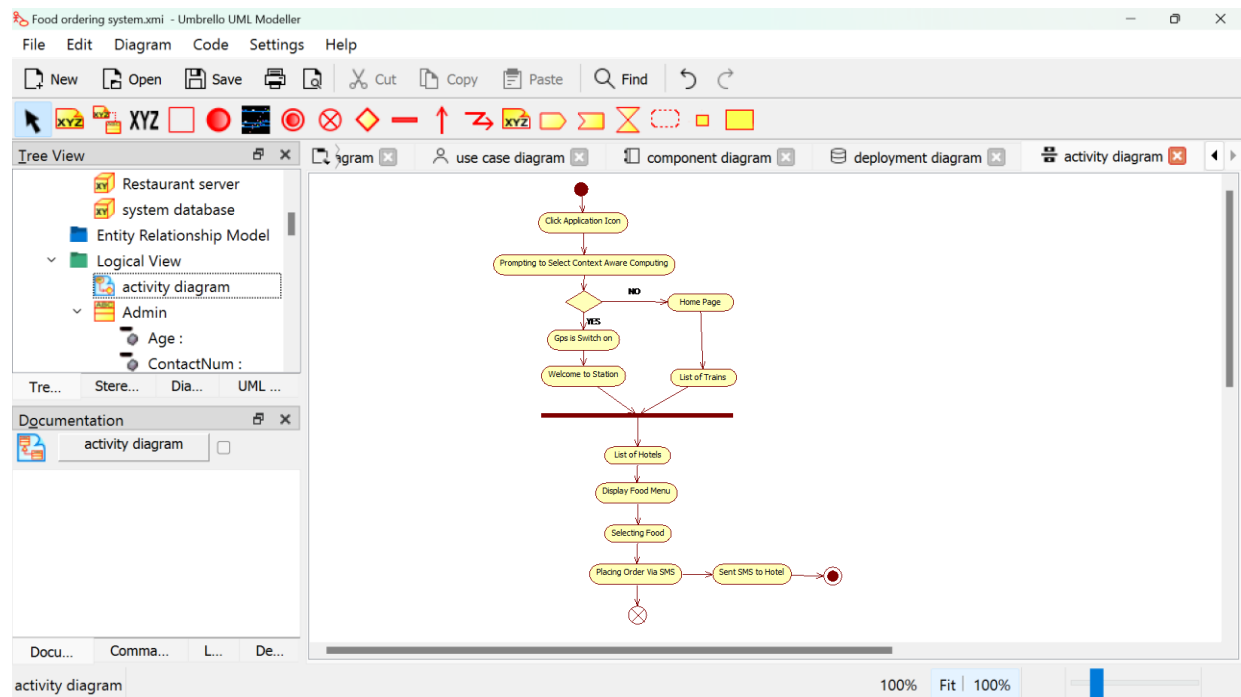
Component Diagram



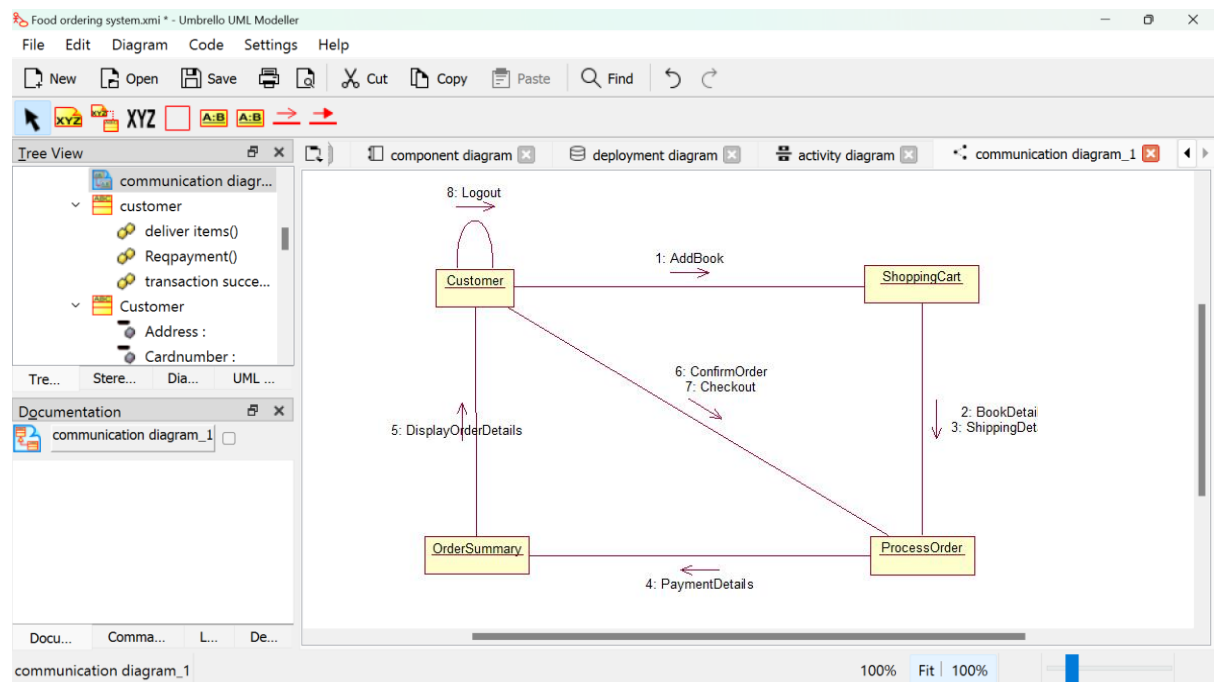
Deployment Diagram



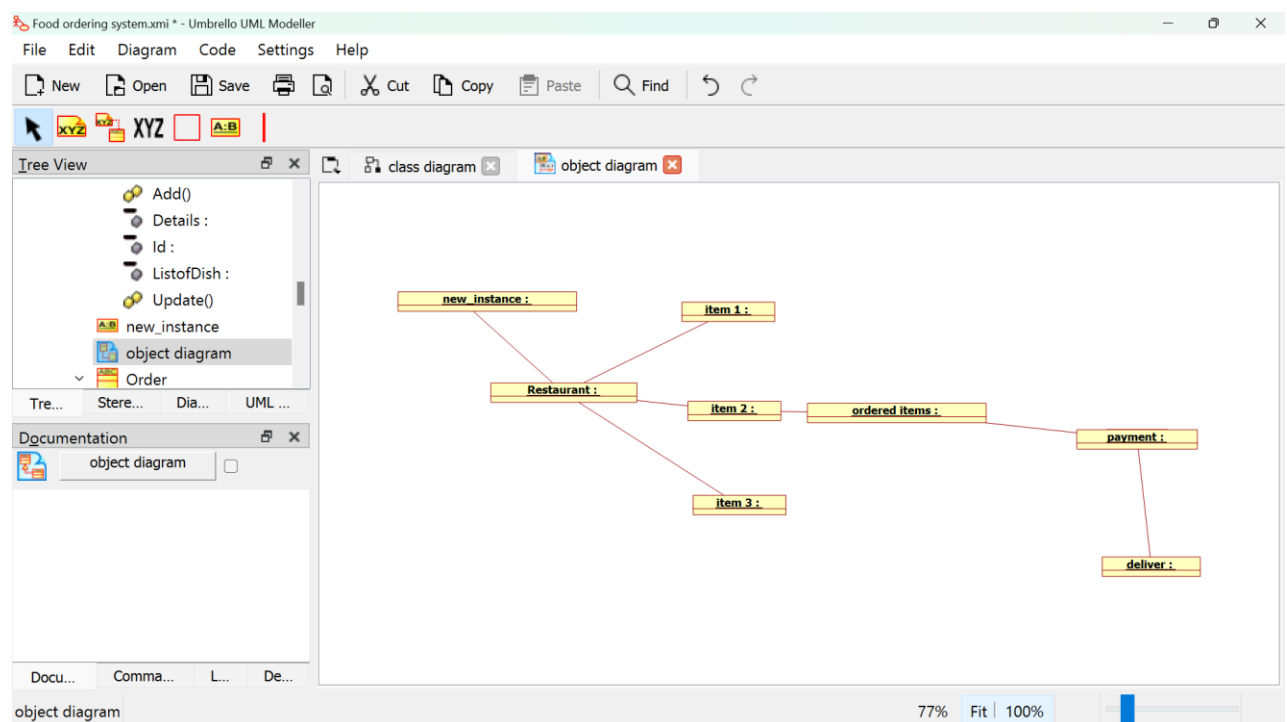
Activity Diagram



Communication diagram



Object diagram



Result:

Thus the UML diagrams are successfully created using Umbrello Software.