

Exp: 7

Draw a UML diagram for online purchasing system. Provide top level use cases for a web customer making purchases online. Web customer actor uses some web site to make purchases online. Top level use cases are View Items, Make Purchase and Client Register.

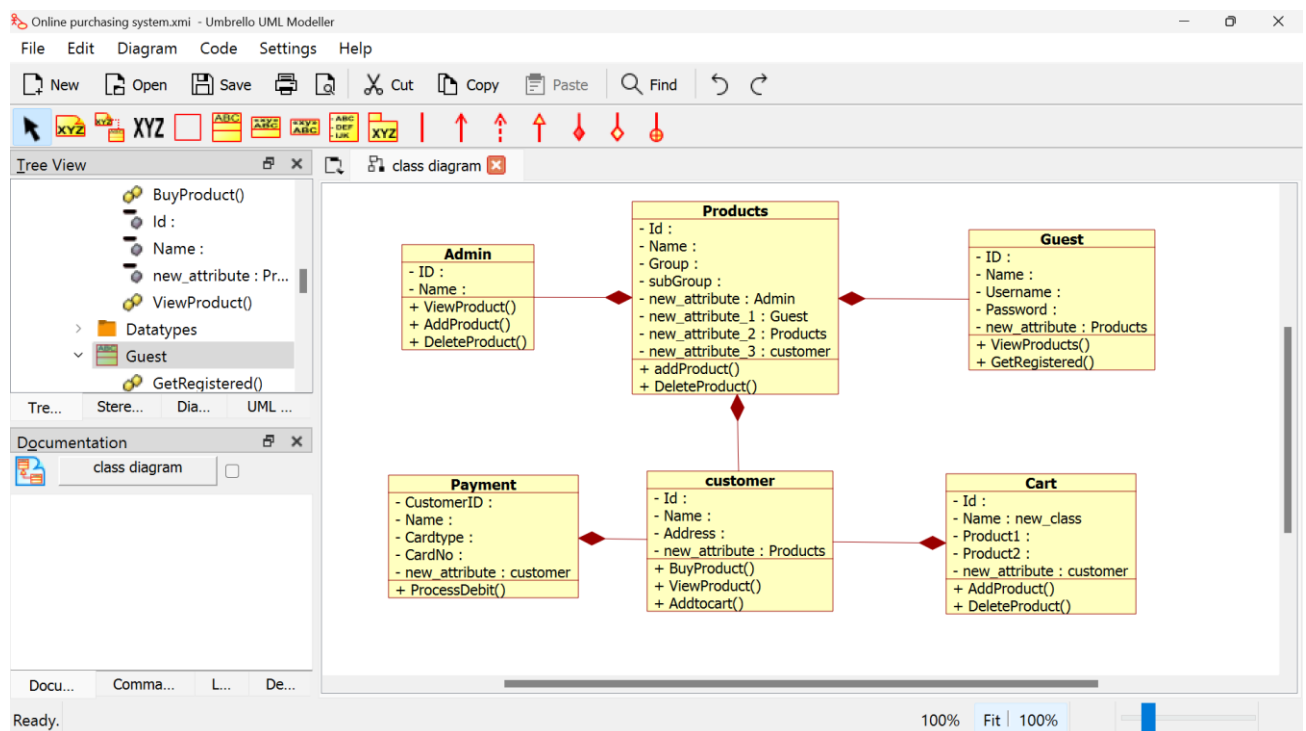
Aim:

To design and develop a UML Use Case Diagram for an Online Purchasing System, where a web customer can browse items, make purchases, and register an account.

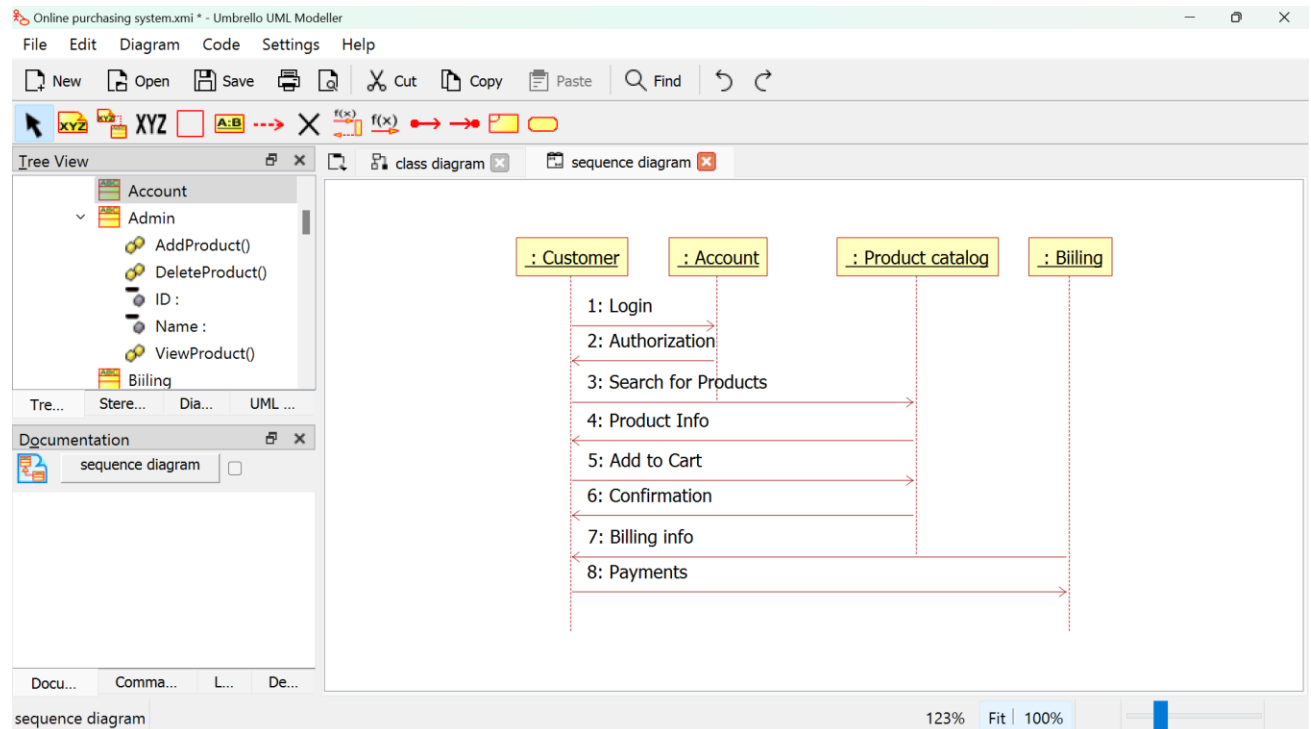
Procedure:

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.

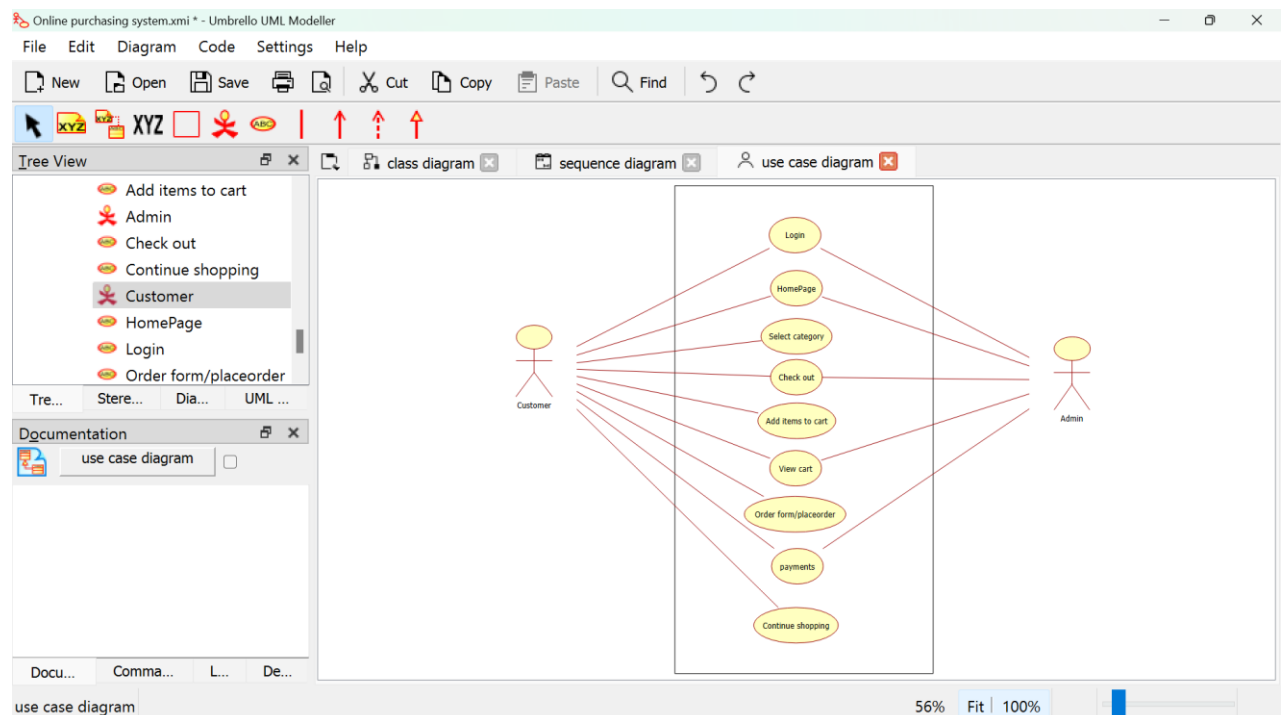
Class diagram



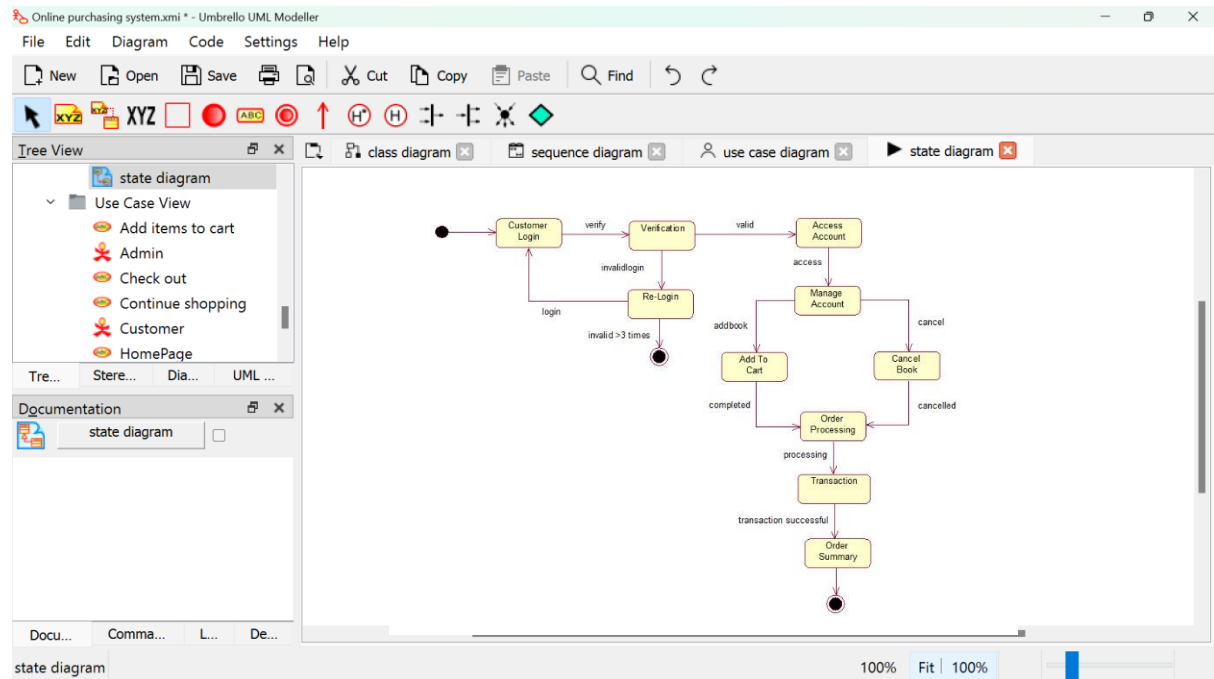
Sequence Diagram



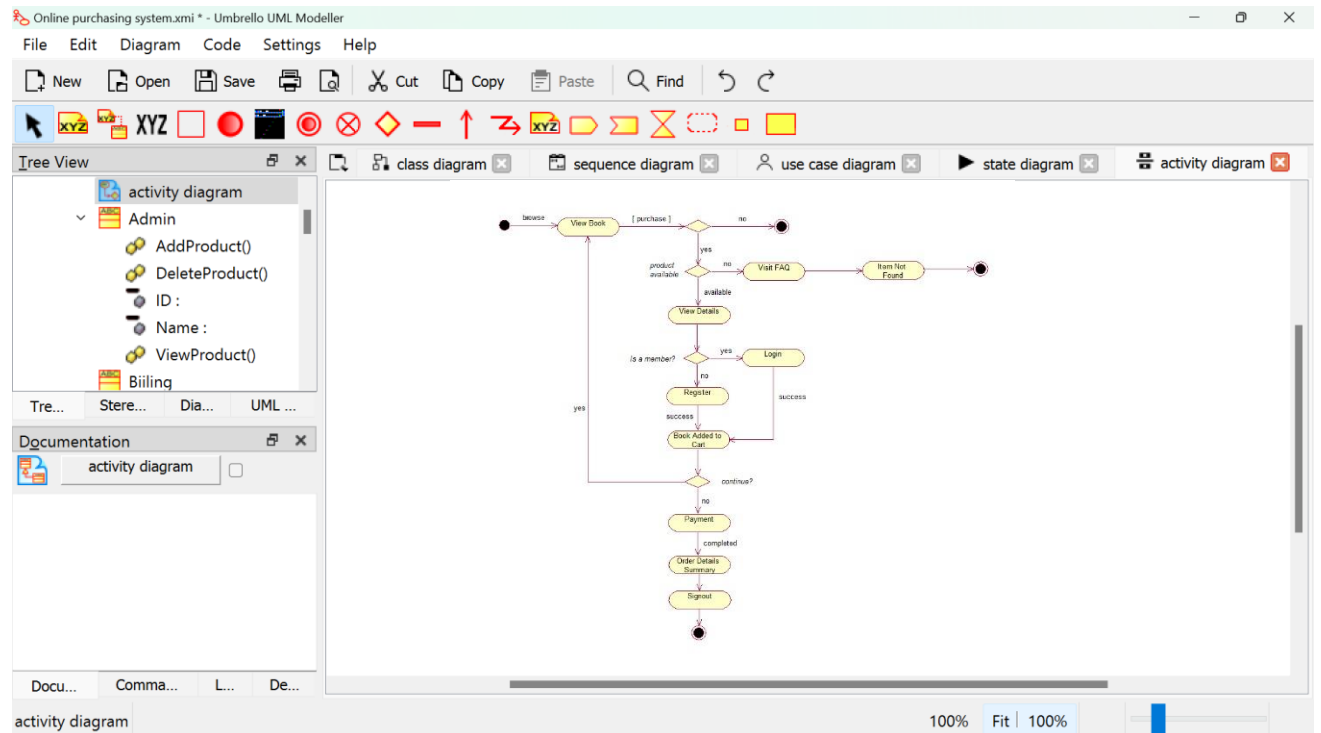
Use Case diagram



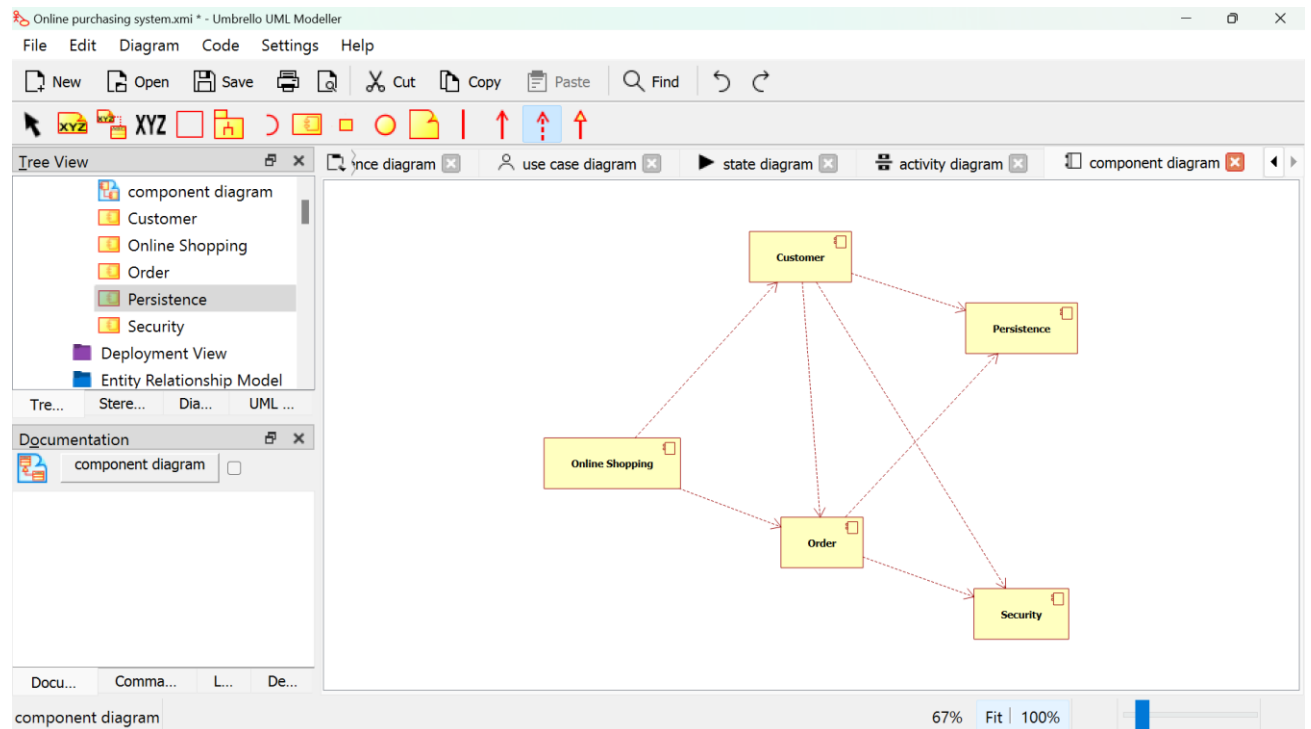
State diagram



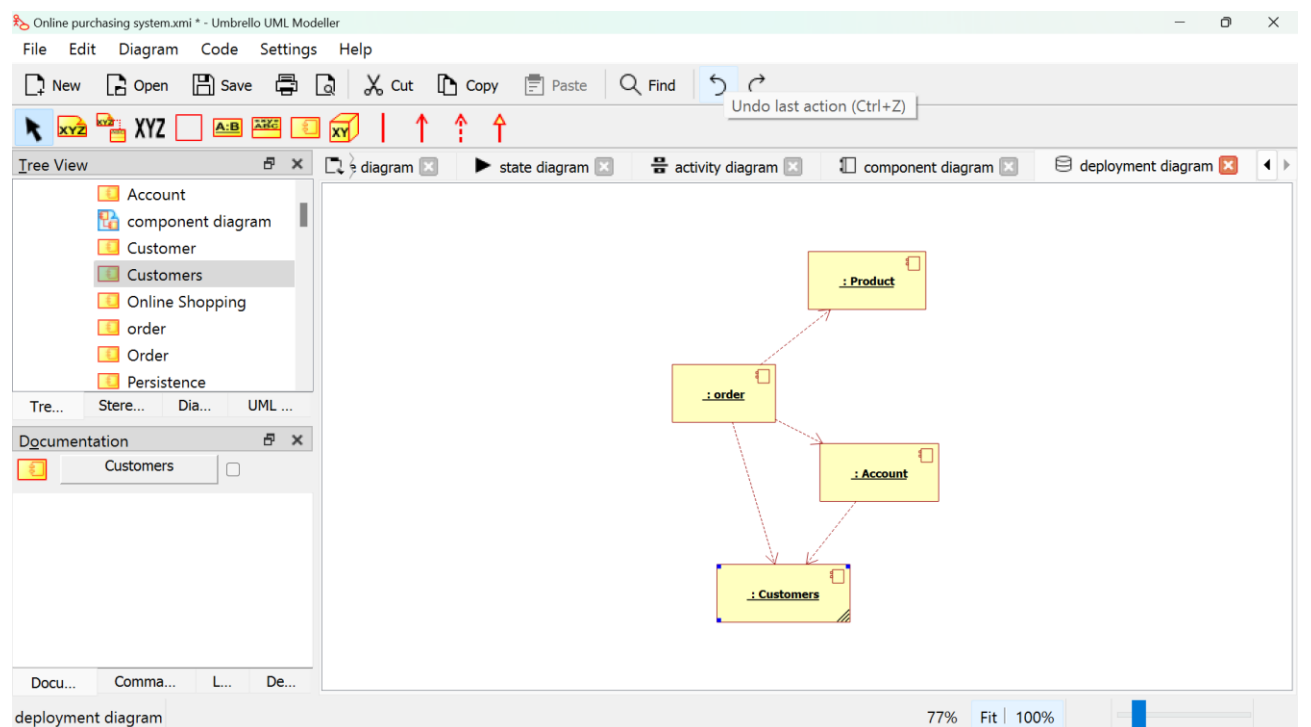
Activity diagram



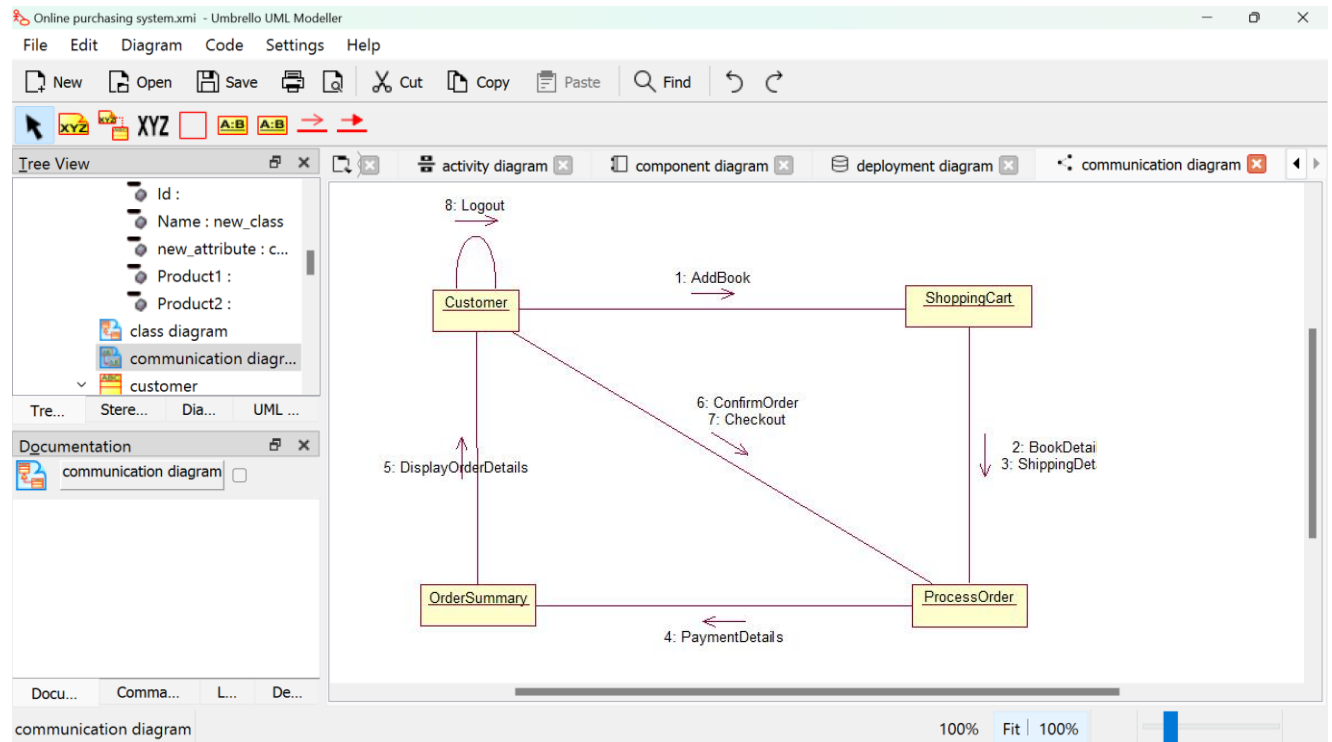
Component Diagram



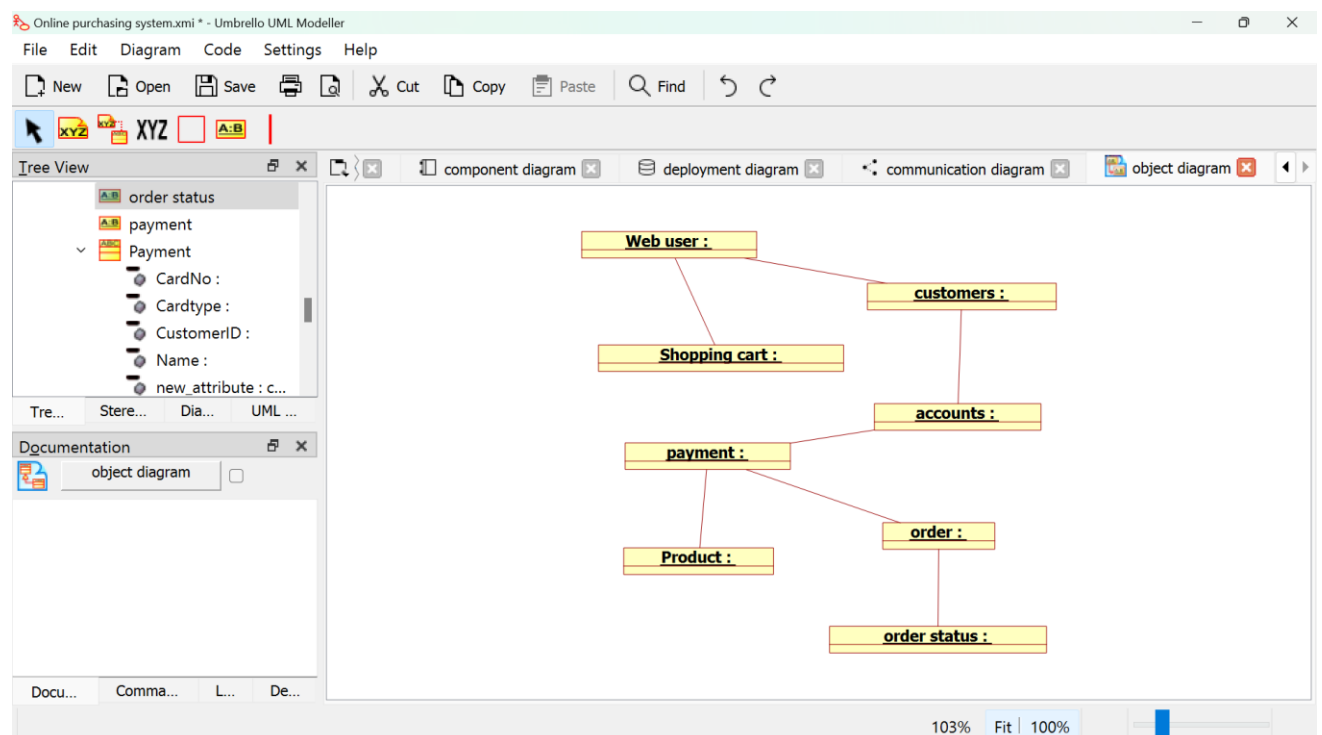
Deployment diagram



Communication diagram



Object Diagram



Result:

Thus the UML diagrams are successfully created using Umbrello Software.