Experiment : 01

1) Draw state model for Telephone Line with various activities.
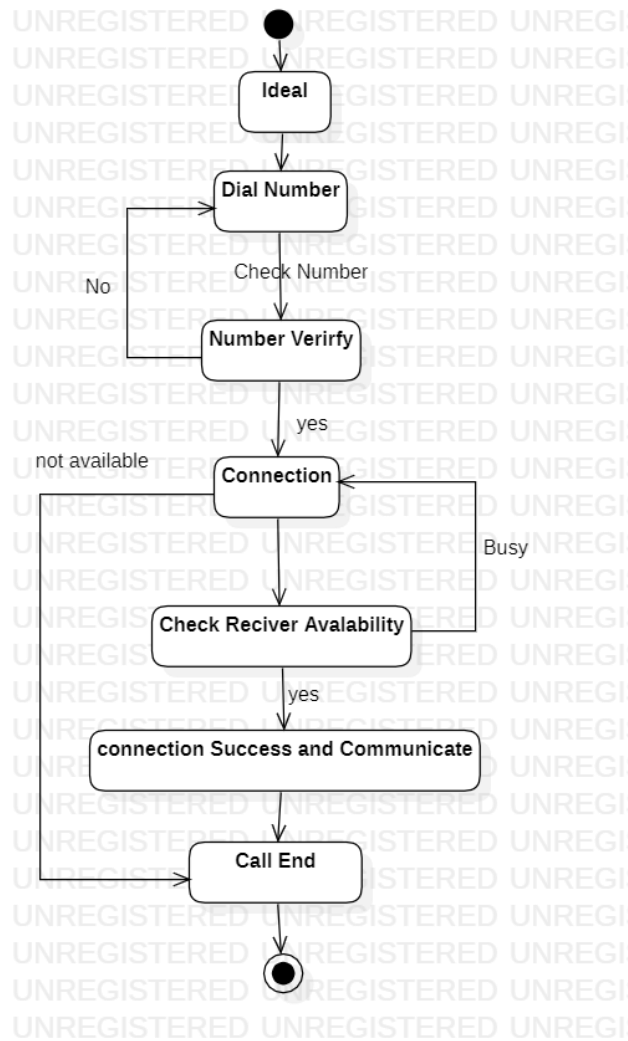

Fig 1. State Diagram for Telephone Line

Experiment : 02

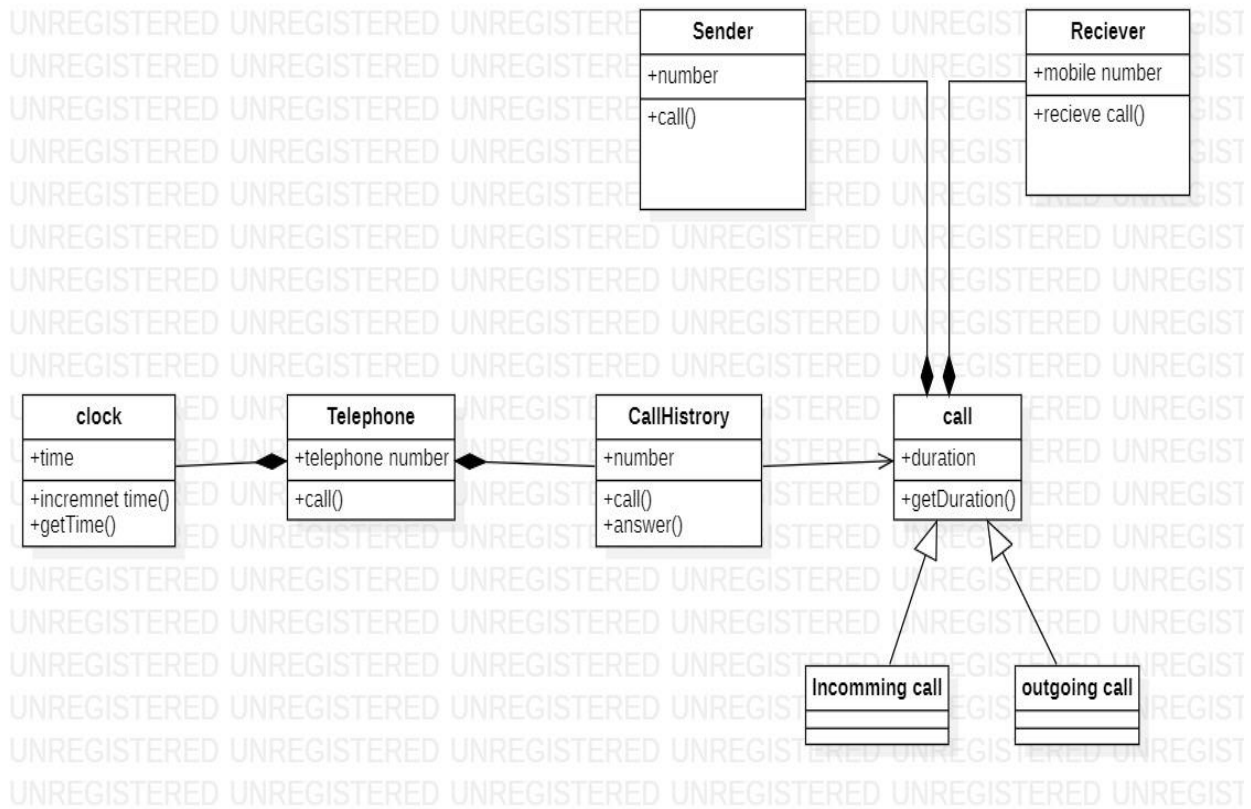**2) Draw Basic Class Diagram to identity & describe key concept like classes.**

Fig 2. Class Diagram for Telephone Line

Experiment : 03

3) Draw one usecase diagram for capturing & representing requirement of system Usecase Diagram.
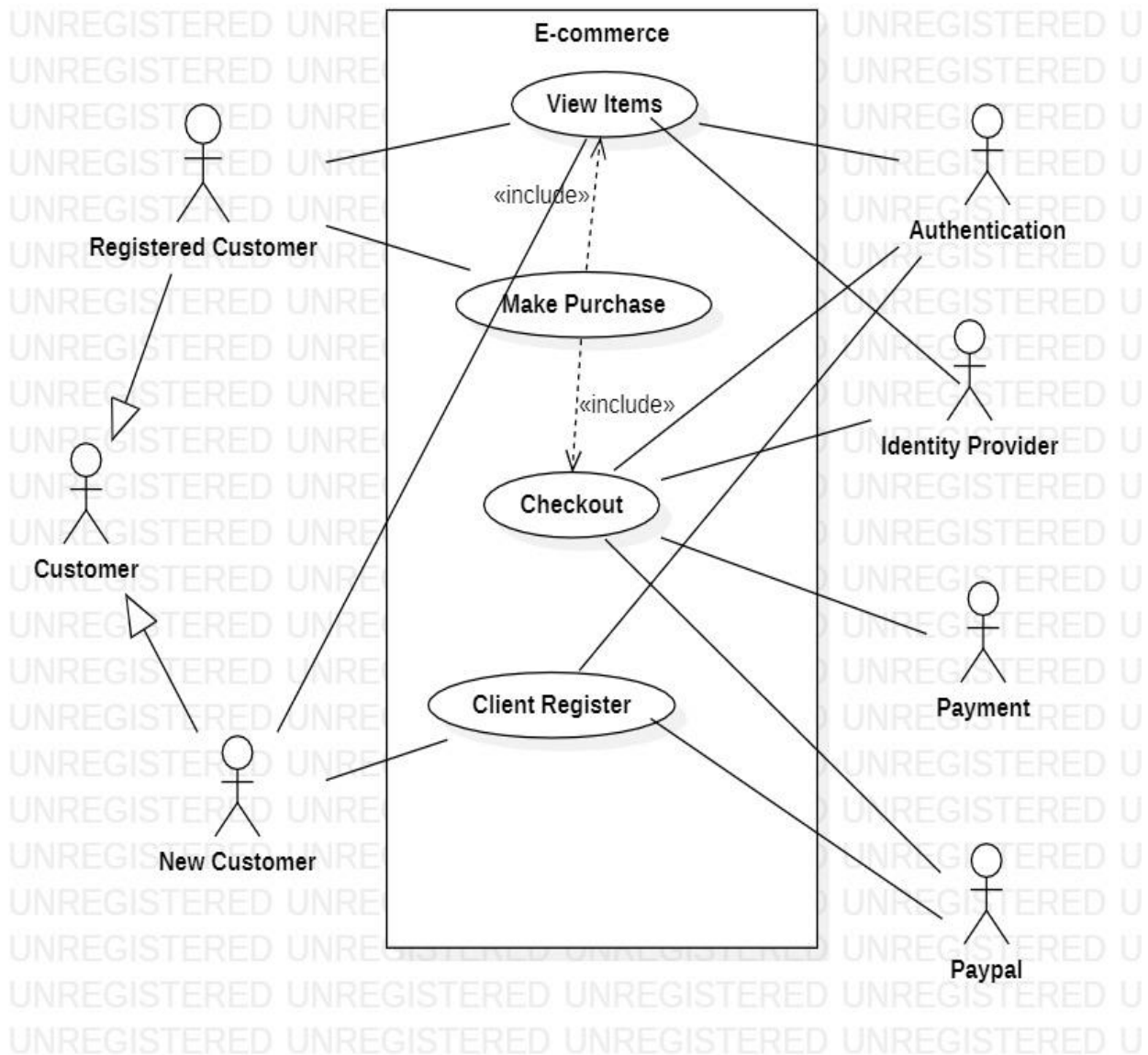

Fig 3. UseCase Diagram for Ecommerce Application using MERN

Experiment : 04

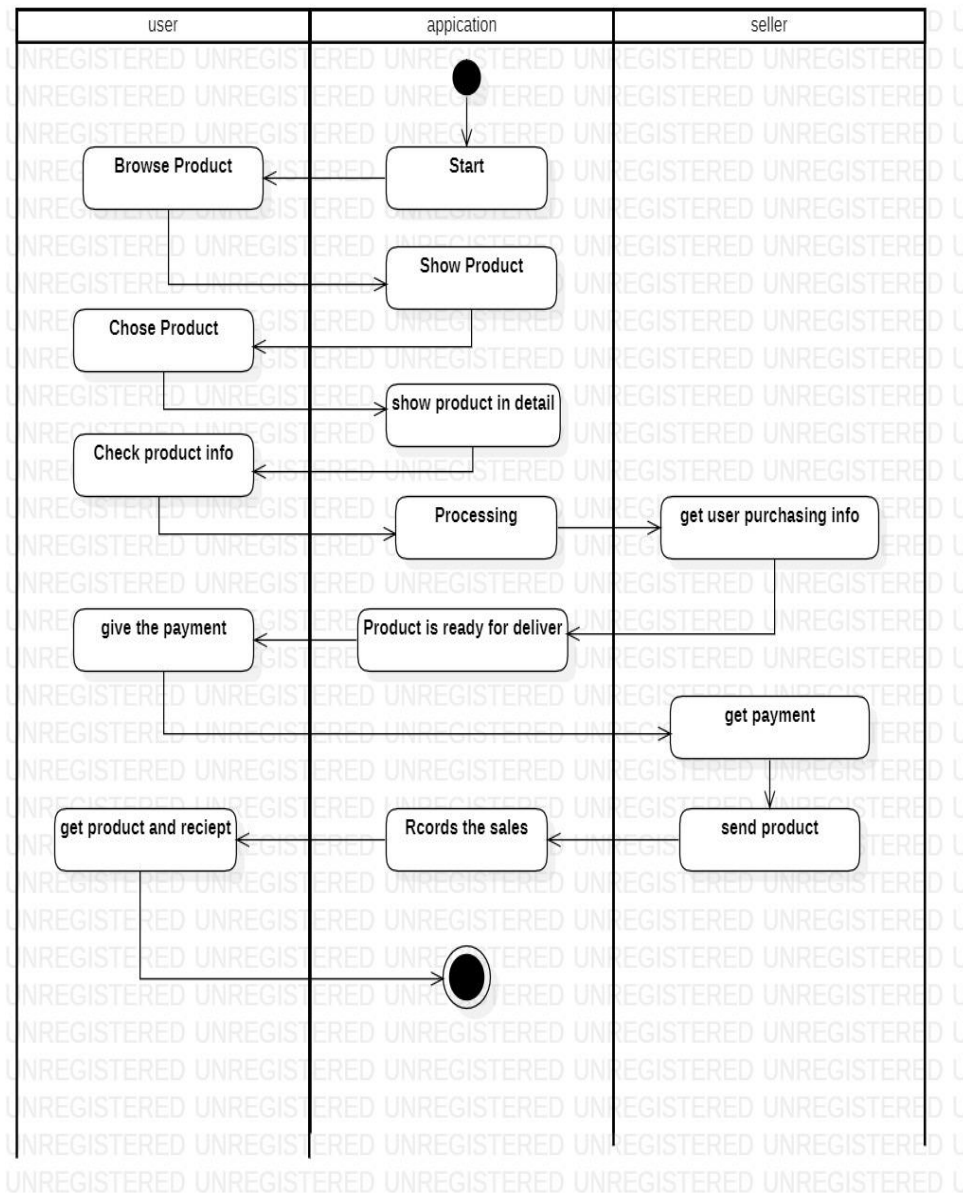## 4) Draw Activity Diagram to display either business flow for your System.

Fig 4. Swimlane Activity Diagram for   Ecommerce Application using MERN

Experiment : 05

5) Draw Component Diagram assuming that you will build your System reusing existing components.
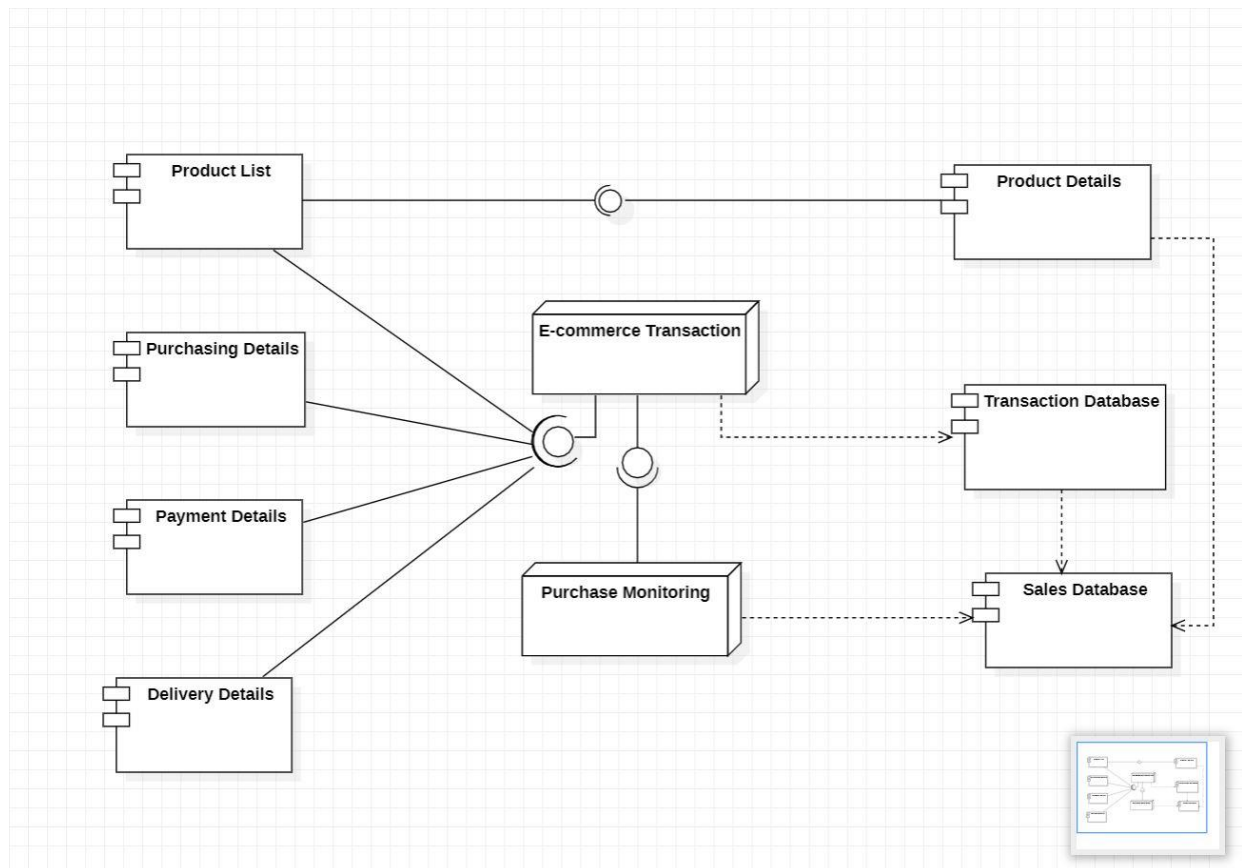

Fig 5. Component diagram of Ecommerce Application using MERN

❖ **Conclusion :-**

In this way successfully implement all UML Diagrams and their relationships and also learned and implement about all UML Diagrams.