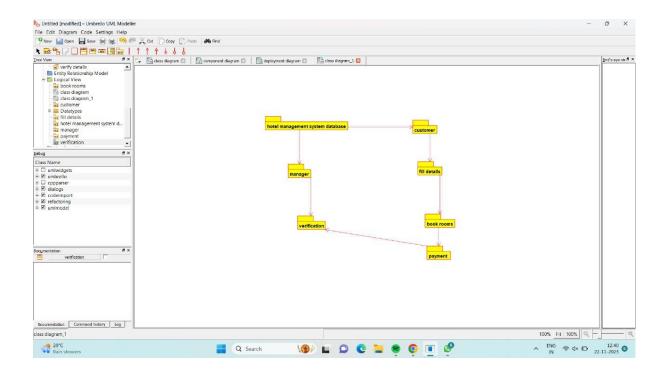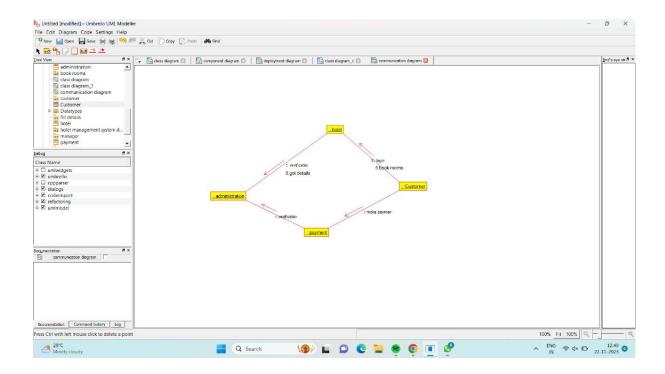# 3.HOTEL MANAGEMENT SYSTEM

Class diagram (Umbrello UML Modeller):

- **payment**
  - - colletarals :
  - + add()
  - + update()

- **reservation**
  - - id :
  - + amount :
  - + reciept :
  - + update()

- **customer**
  - - name :
  - - id
  - + enable user()
  - + disable user()

- **hotel admin**
  - + name :
  - - age
  - - password :
  - + create()
  - + update()

- **rooms**
  - - id :
  - + details
  - - requirments :
  - + date
  - + update()

- **employee**
  - + credentials :
  - + add()
  - + update()

Associations: 1 +customer, +reservation, 1 +employee, +rooms

Sequence diagram — hotel management system:

Participants: : user, login, fooditem, rooms

Messages:
- 1: login
- : return statu
- : check availabilit
- : return statu
- : reverse roor
- 5: return
- check hall availabili
- : return statu
- : reverse ha
- 10: returr