VIT
Vellore Institute of Technology

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

CYCLE SHEET – II – WINTER SEMESTER 2023-2024

Programme Name & Branch: B.Tech (CSE)   **Course Name:** Software Engineering Lab
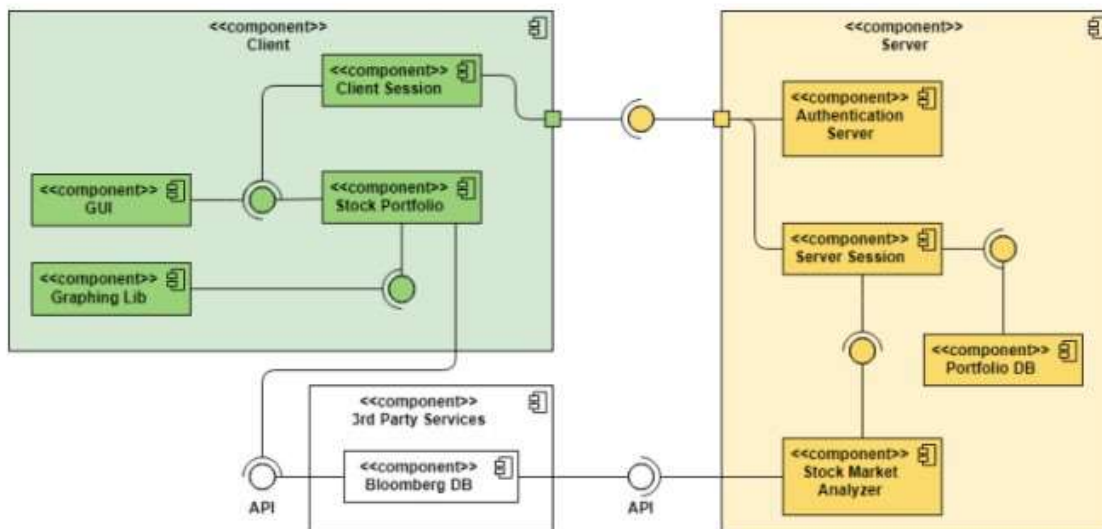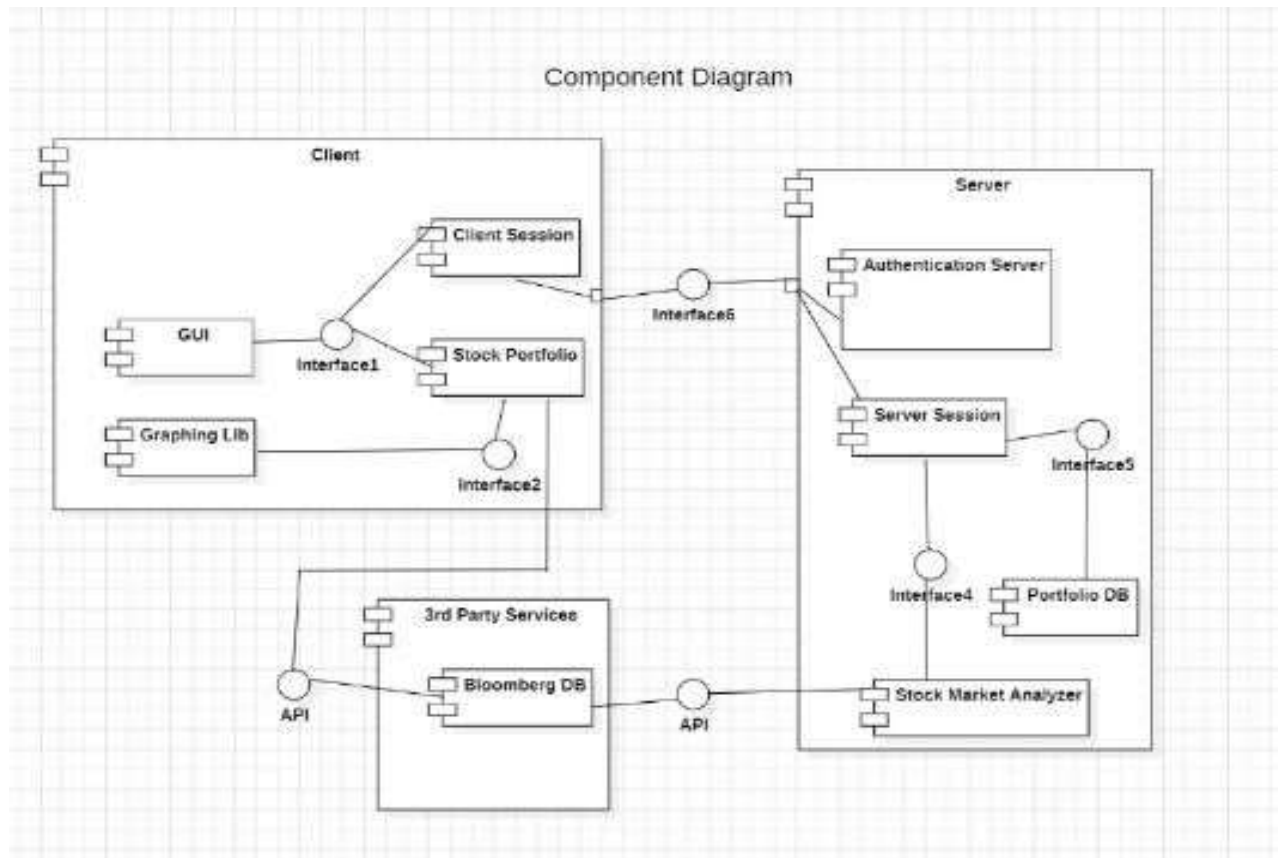
Course Code: BCSE301P

CYCLE SHEET - 02

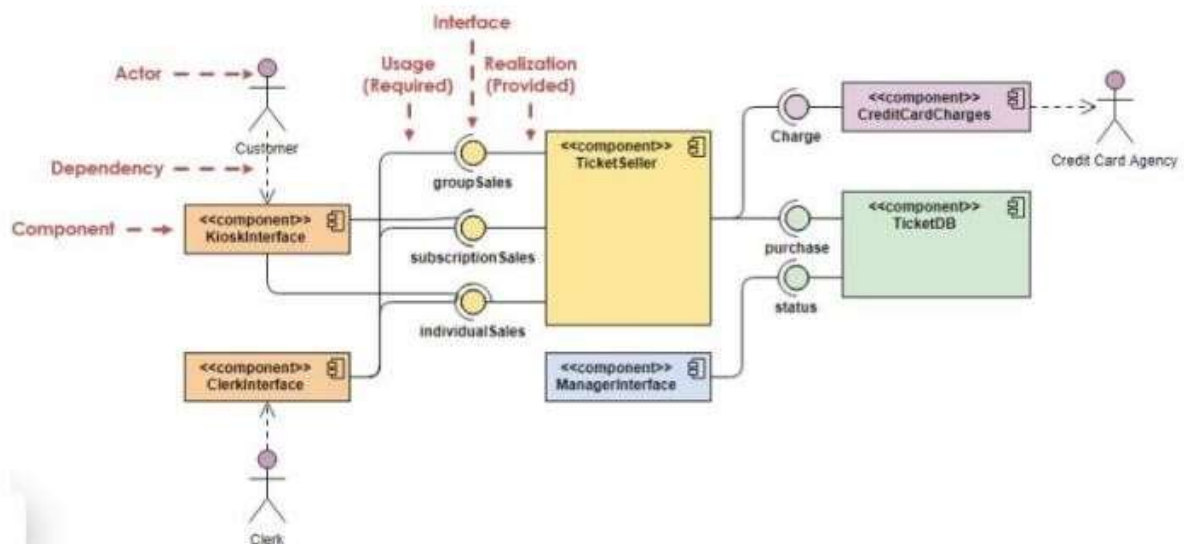# Name: Reg Sajag Agrawal No: 21BCT0438

Ques1 :

1. Draw subsystems for logical categorization of components
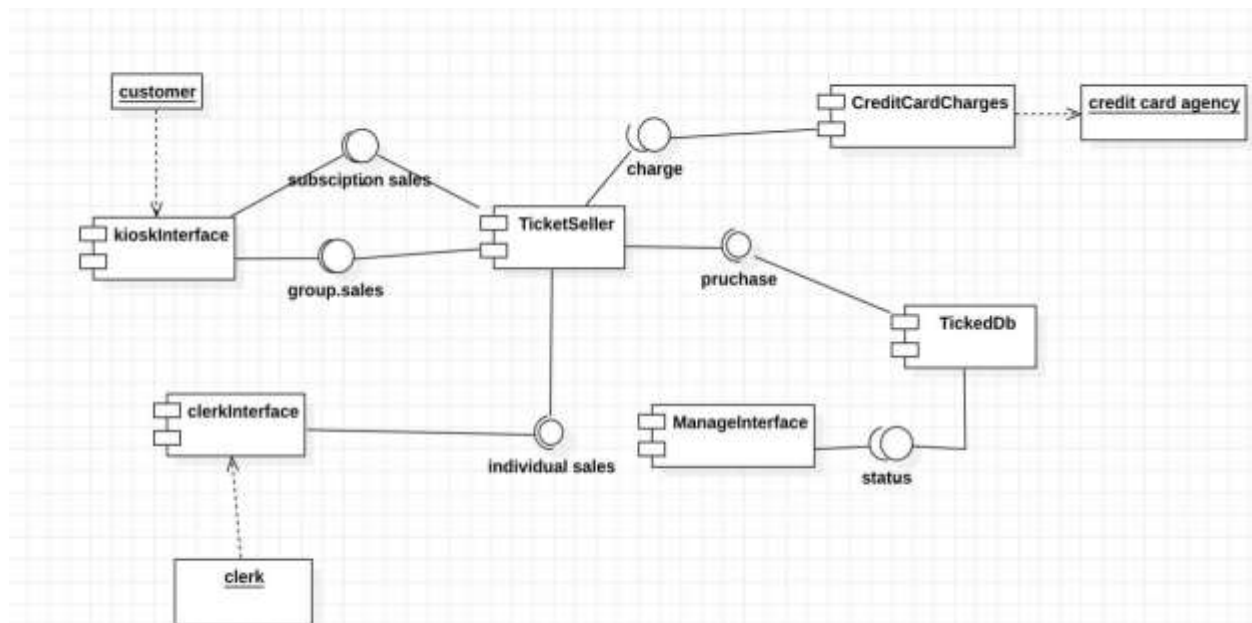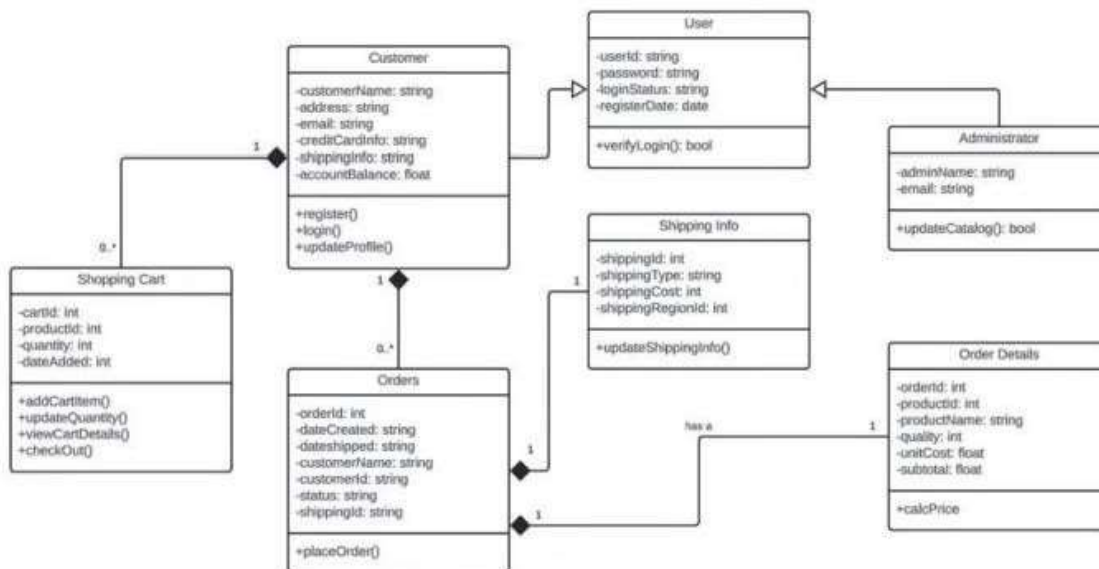
Ans1 :

Component Diagram

Ques2 : Ticket Selling System Component Diagram There is a ticket seller component that sequentializes requests from both ticket selling system and clerks. A component that processes credit card charges; and the database containing the ticket information.
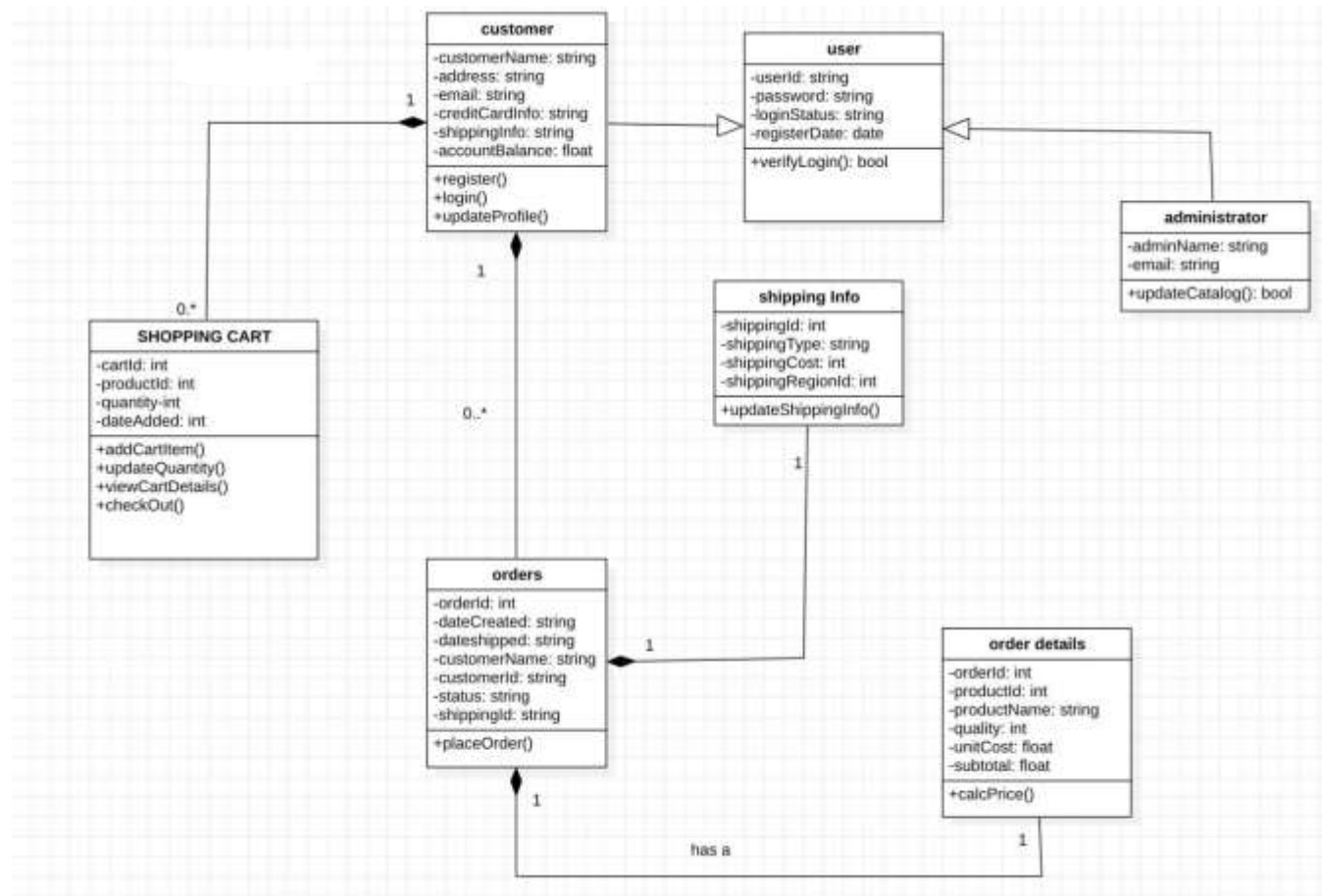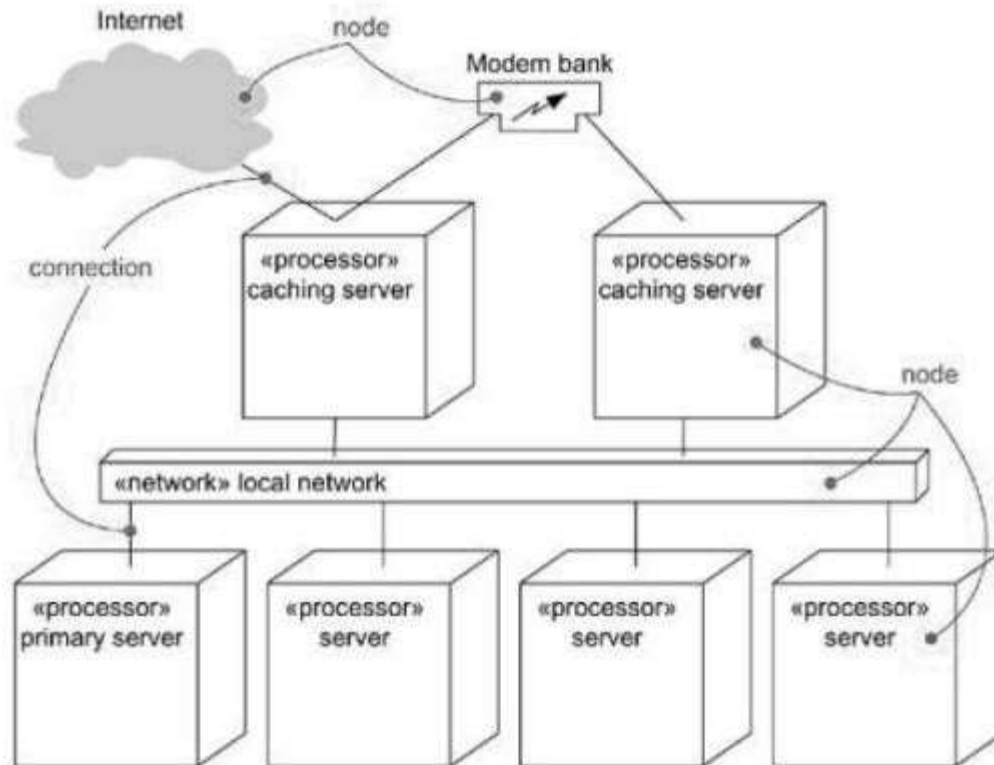

Ans2 :
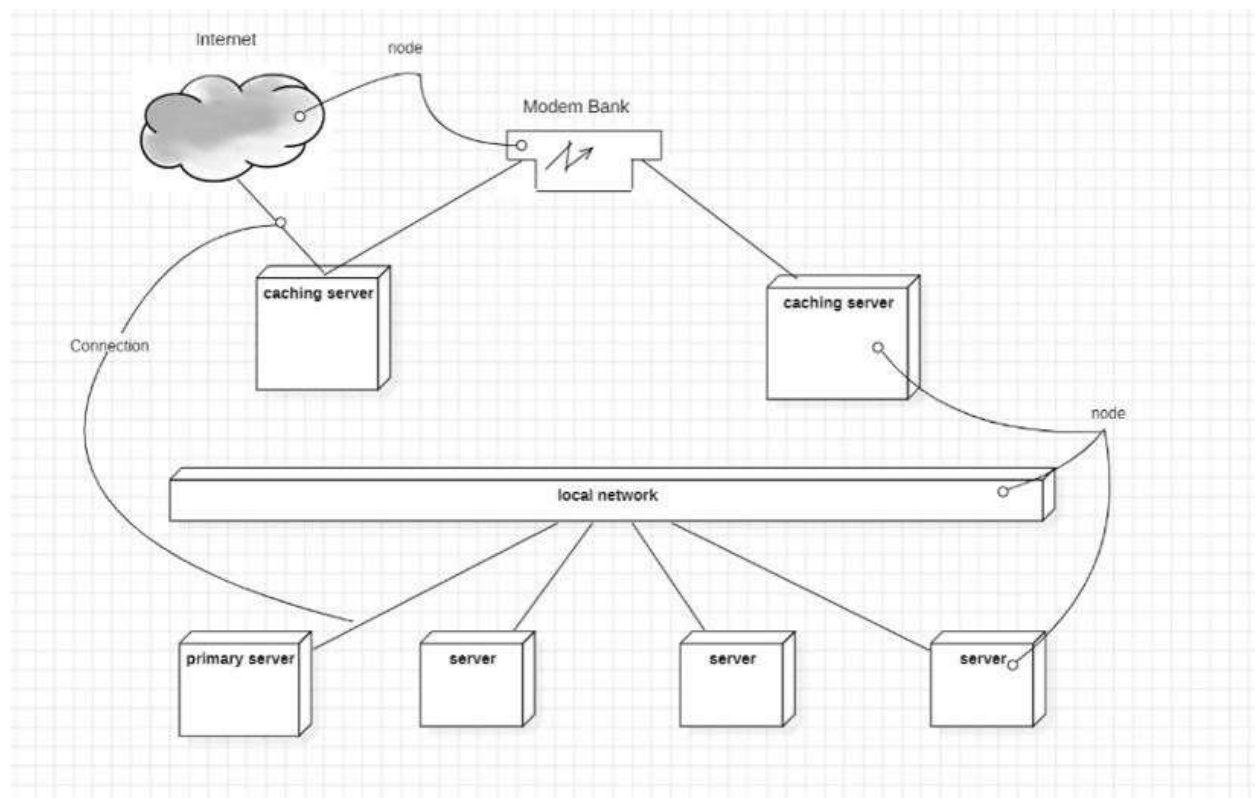
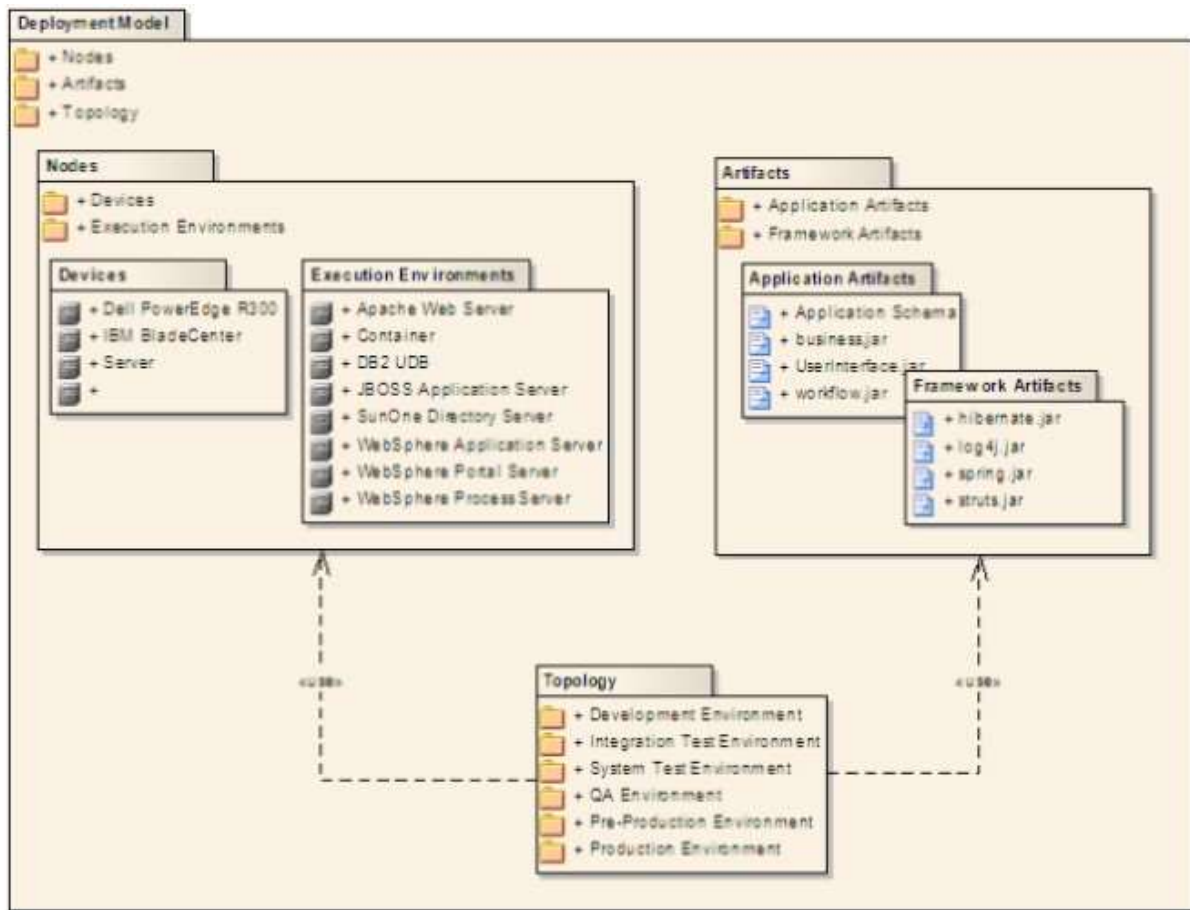**Ques3 :** Draw the following Class diagram using UML

Ans3 :

Ques4 : Draw the following Deployment Diagram using UML

Ans4 :

Ques5 : Draw the following Package Diagram using UML

Ans 5:

Deployment model

Nodes

«view»
Devices
+Dell Power Edge R300
+IBM Blade Center
+Server

«view»
Execution Environments
+Apache web server
+Container
+DB 2 UDB
+JBOSS Application Server
+Sun One Directory Server
+Web Sphere Application Server
+Web Sphere Process Server

Artifacts

«view»
Application Artifacts
+Application Schema
+Businessjar
+Userinterface Jar
+Workflow Jar

«view»
Framework Artifacts
+hibernate.jar
+log4j.jar
+spring.jar
+strutus.jar

use

«expose»

«expose»

use

Topology

«view»
Development System
+Integration Test Environment
+System Test Environment
+QA Environment
+Pre-Procedure Environment
+Production Environment

Sajag Agrawal