

Exp 8

SOFTWARE PERSONNEL MANAGEMENT SYSTEM

AIM:

To draw the diagrams [Usecase, Class, Activity, Sequence, Collaboration, State chart, Deployment, Component, package] for software personnel management system.

SOFTWARE REQUIREMENTS SPECIFICATION:

SL.NO SOFTWARE REQUIREMENTS SPECIFICATION

1.0 Hardware Requirements

1.1 Software Requirements

1.2 Project description

1.3 Reference

1.0 HARDWARE REQUIREMENTS:

Intel Pentium Processor I3/I5

1.1 SOFTWARE REQUIREMENTS:

Rational Rose/Argo UML

1.2 PROJECT DESCRIPTION:

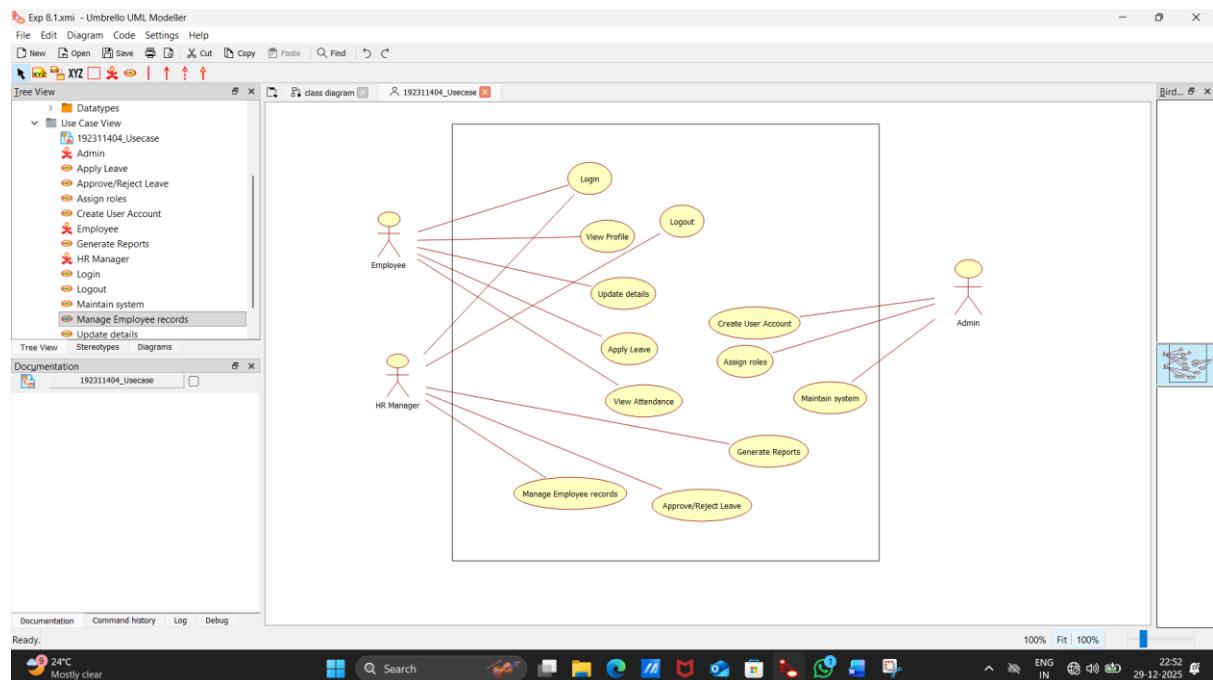
This software is designed for the process of knowing the details of a person works in a

software company. The details are being stored in the Central Management System for the cross checking the person's details.

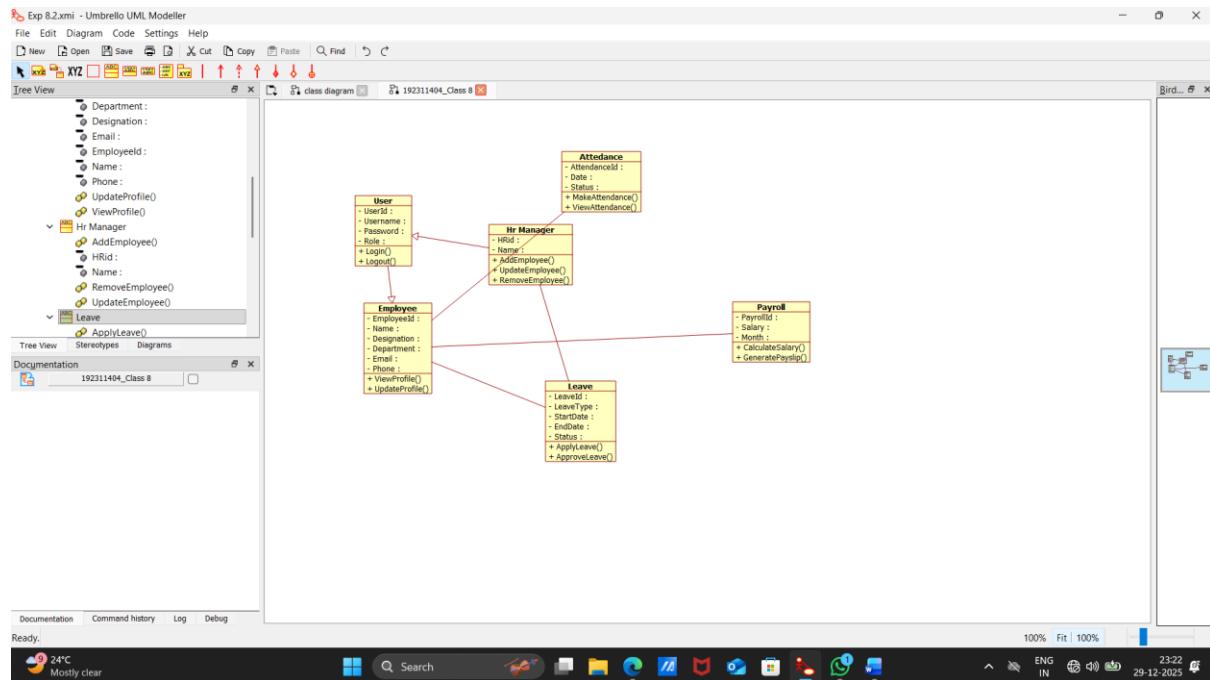
1.3 REFERENCES:

IEEE Software Requirement Specification format.

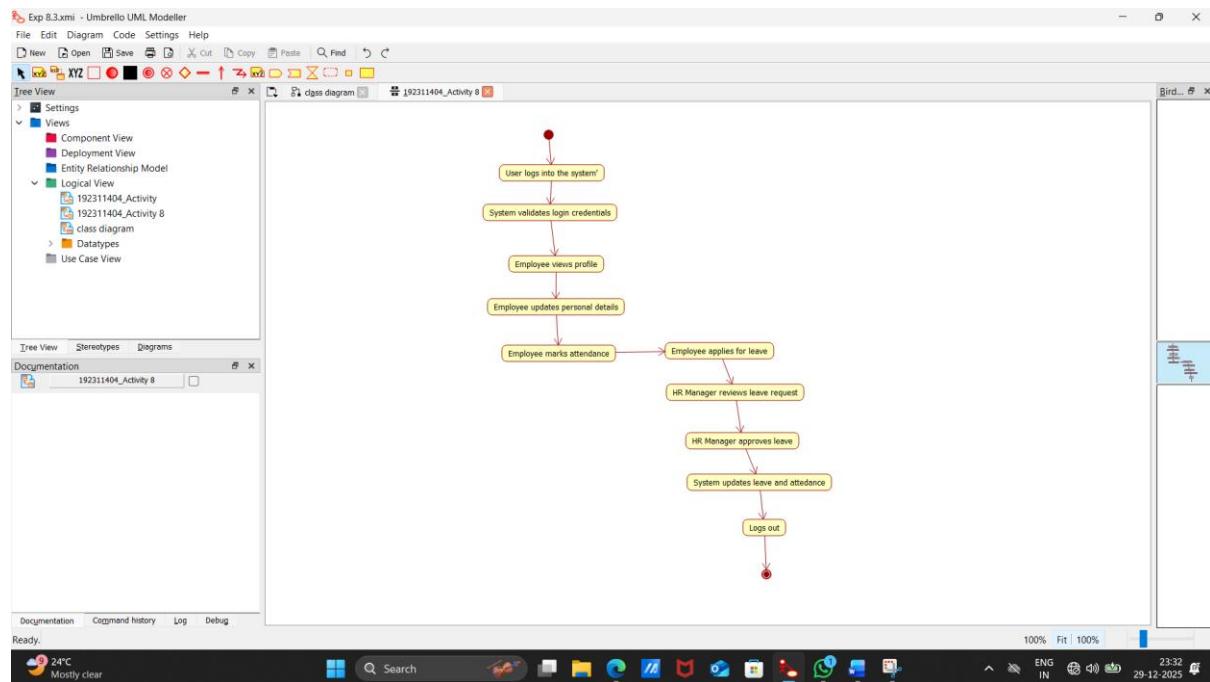
Usecase Diagram:



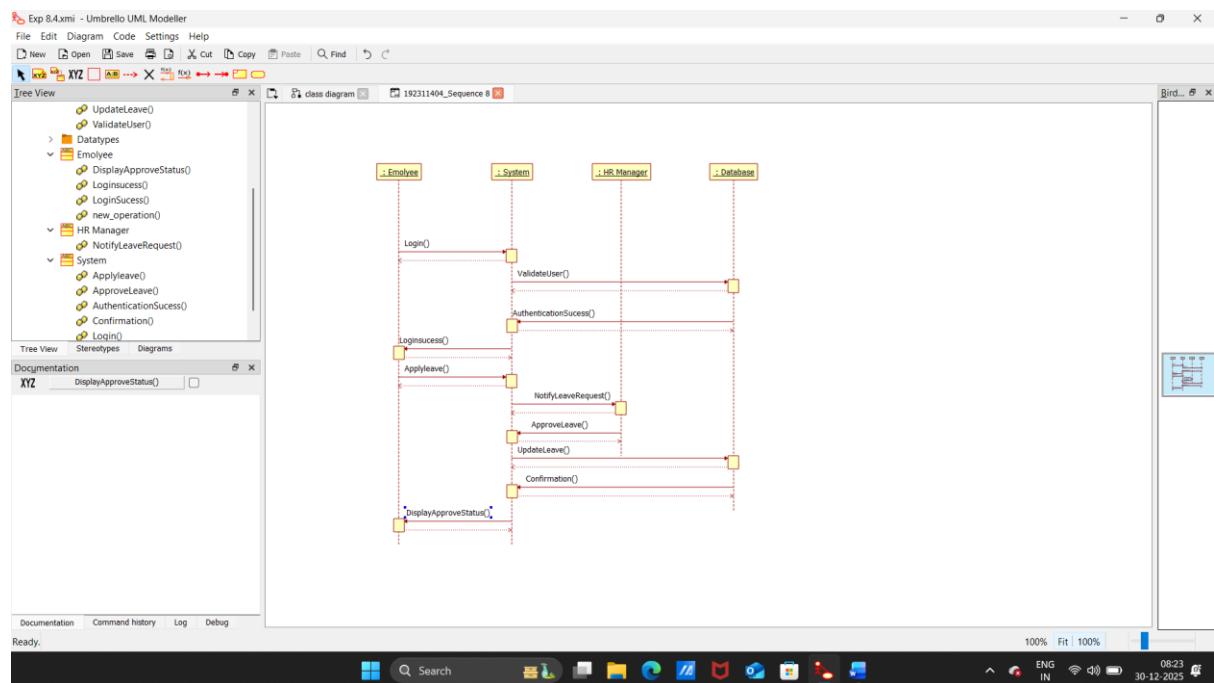
Class Diagram:



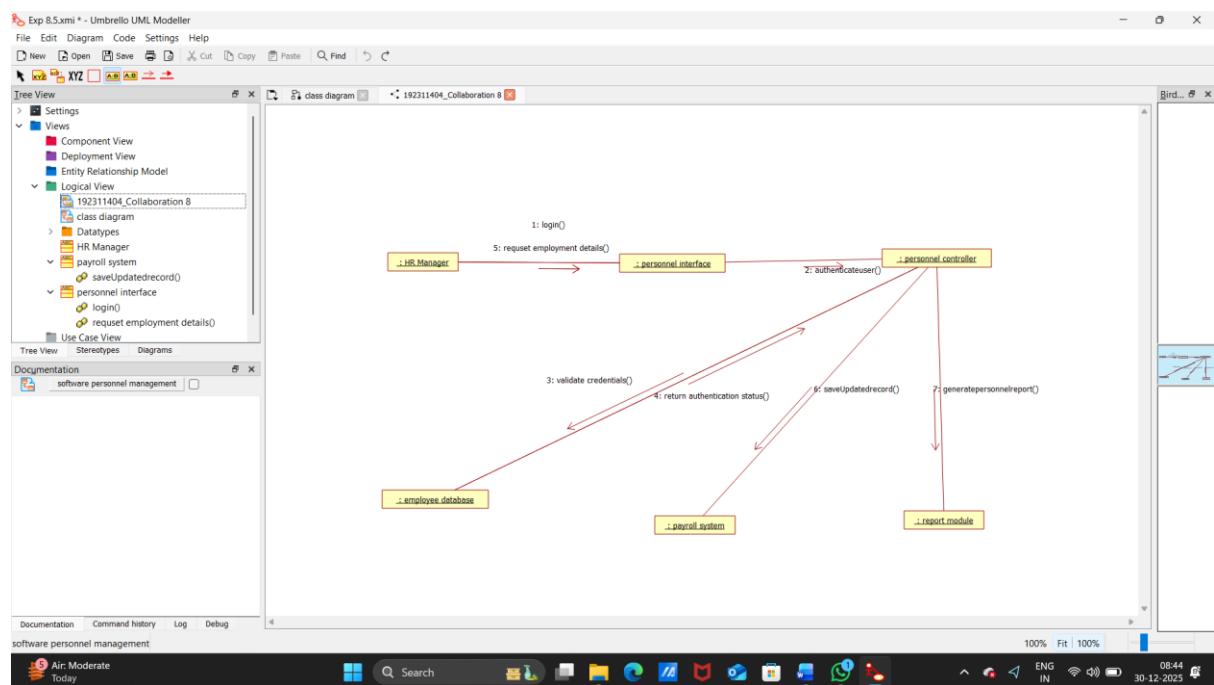
Activity Diagram:



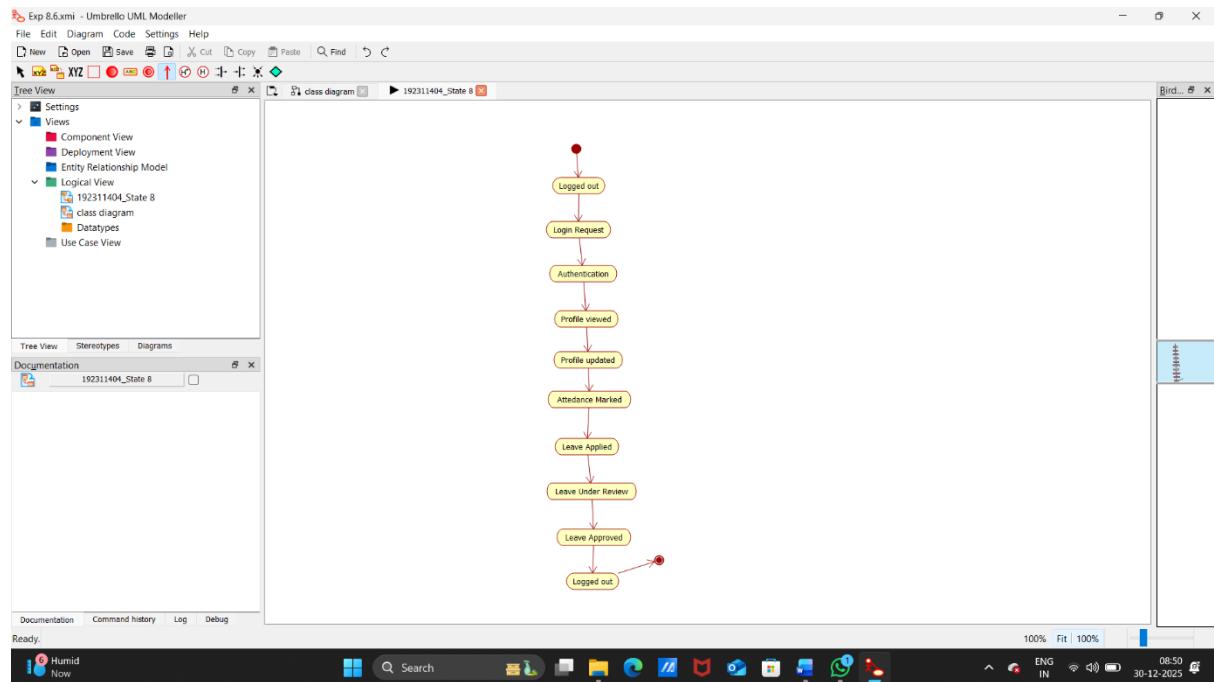
Sequence Diagram:



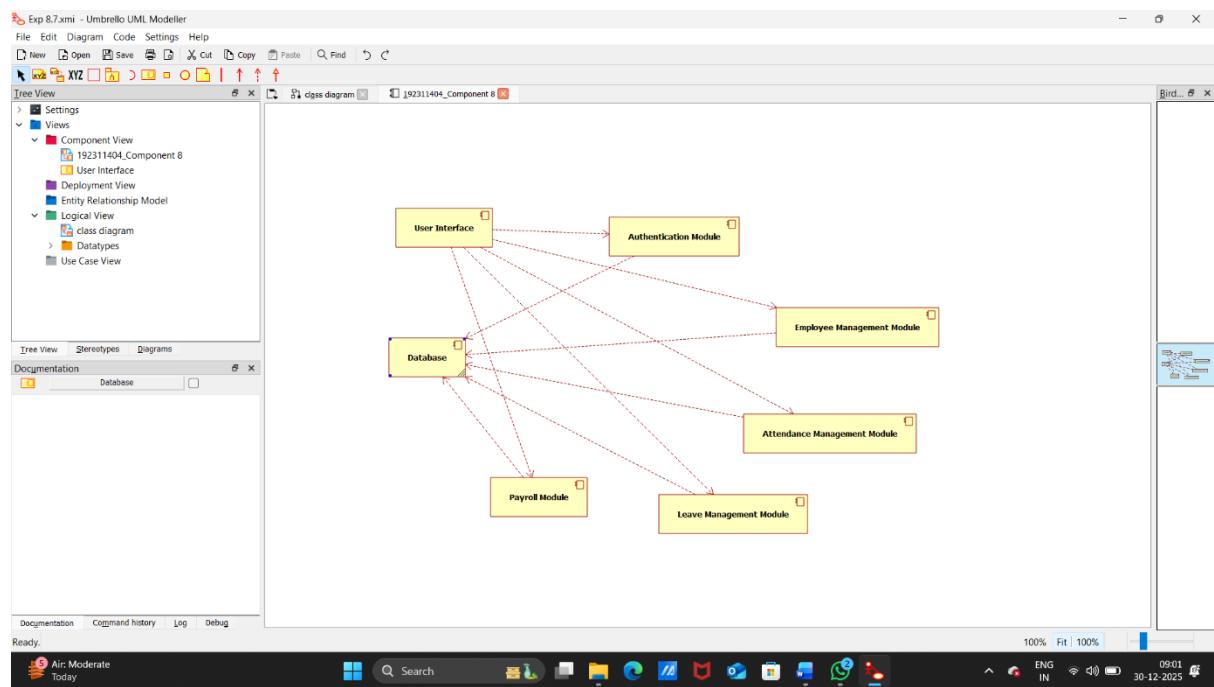
Collaboration Diagram:



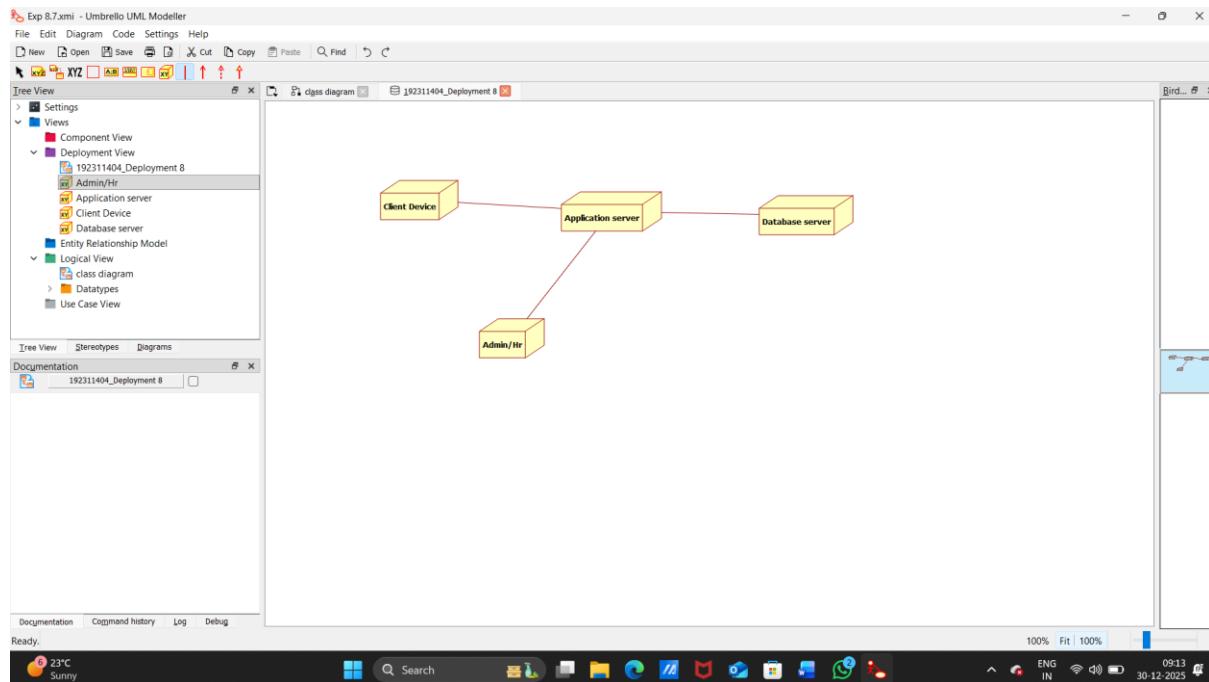
State Diagram:



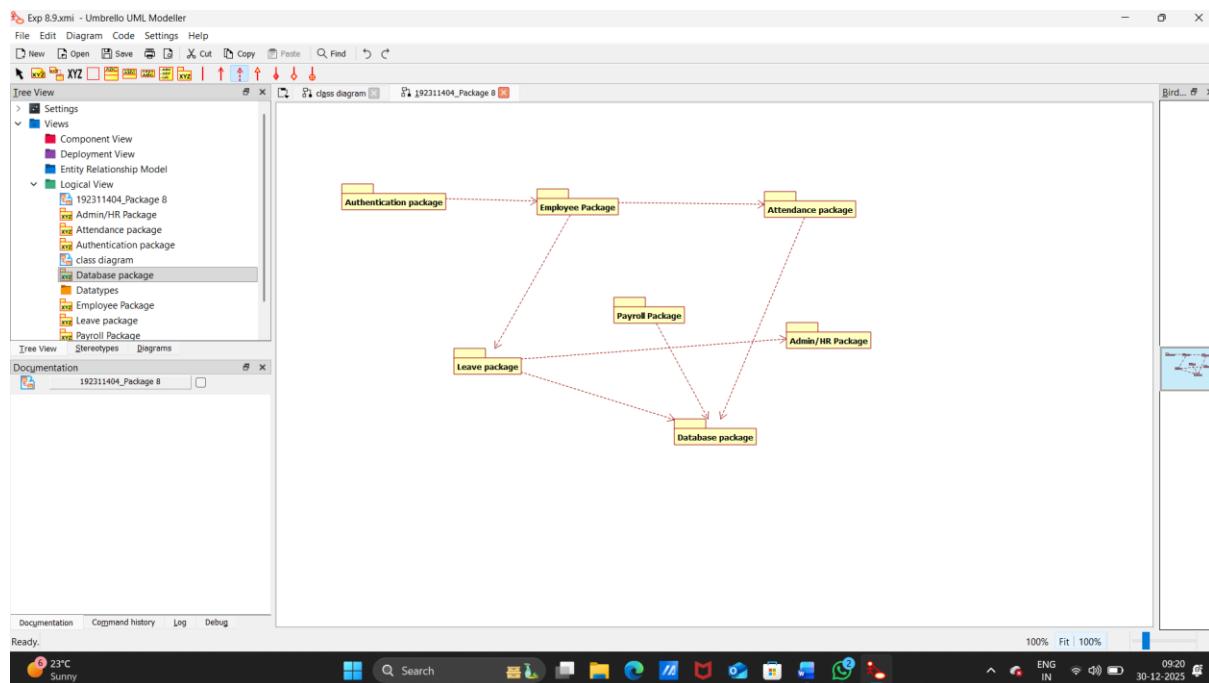
Component Diagram:



Deployment Diagram:



Package Diagram:



PROGRAM CODING:

EMPLOYEE:

Public class employee

{

 Public integer employee details;

 Public integer salary;

 Public void leave taken()

{

}

 Public void employee()

{

}

HUMAN RESOURCES:

Public class HR

{

 Public integer check details;

 Public void loss of pay()

{

}

 Public void tax()

{

}

Public void HR()

{

}

}

CENTRAL MANAGEMENT SYSTEM:

Public class central management system

{

Public integer employee name;

Public integer employee no;

Public integer details;

Public void leave taken()

{

}

Public void tax()

{

}

Public void loan()

{

```
}

Public void salary()

{

}

}
```

RESULT:

Thus the diagram [usecase, class, activity, sequence, collaboration, state chart, component, deployment, package] for the Software Personnel Management System has been designed, executed and output is verified.