

## 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:

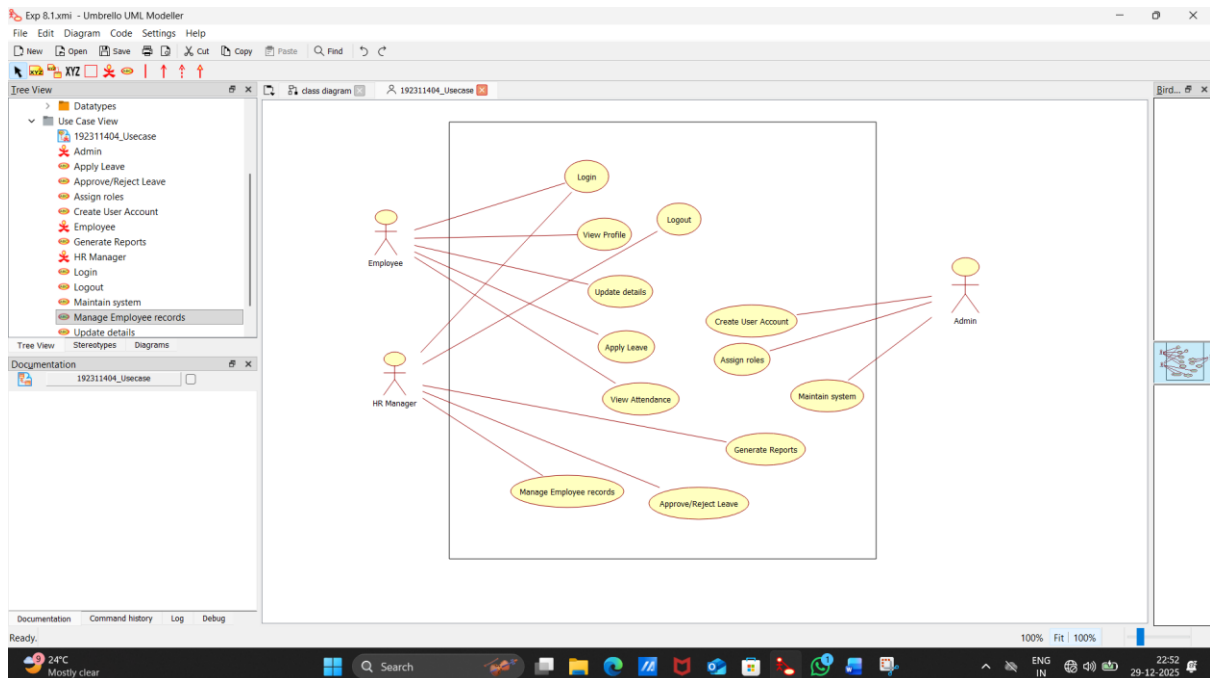
This software is designed for the process of knowing the details of a person works in a

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

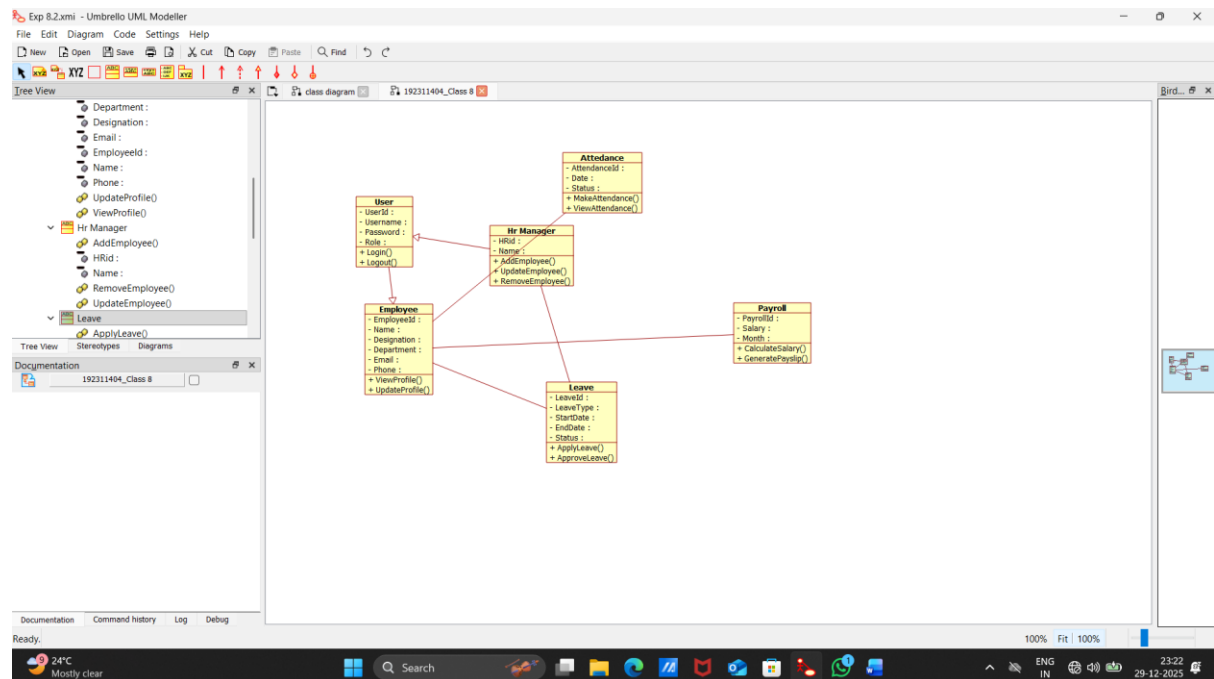
### 1.3 REFERENCES:

IEEE Software Requirement Specification format.

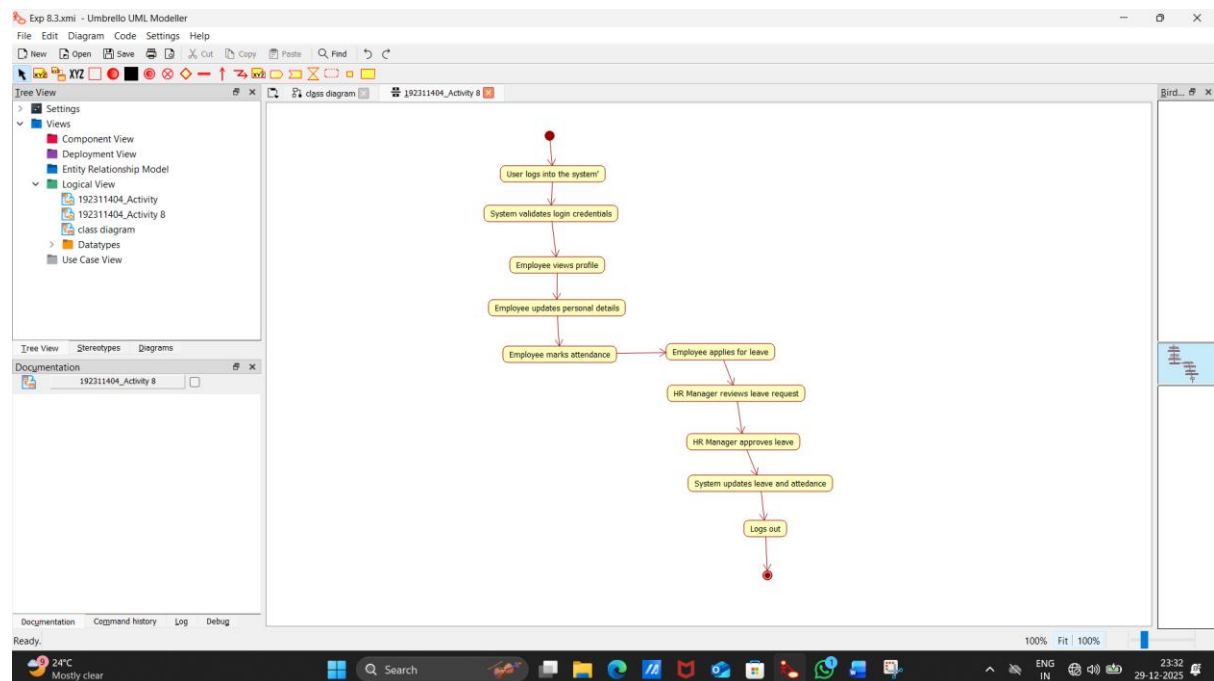
### Usecase Diagram:



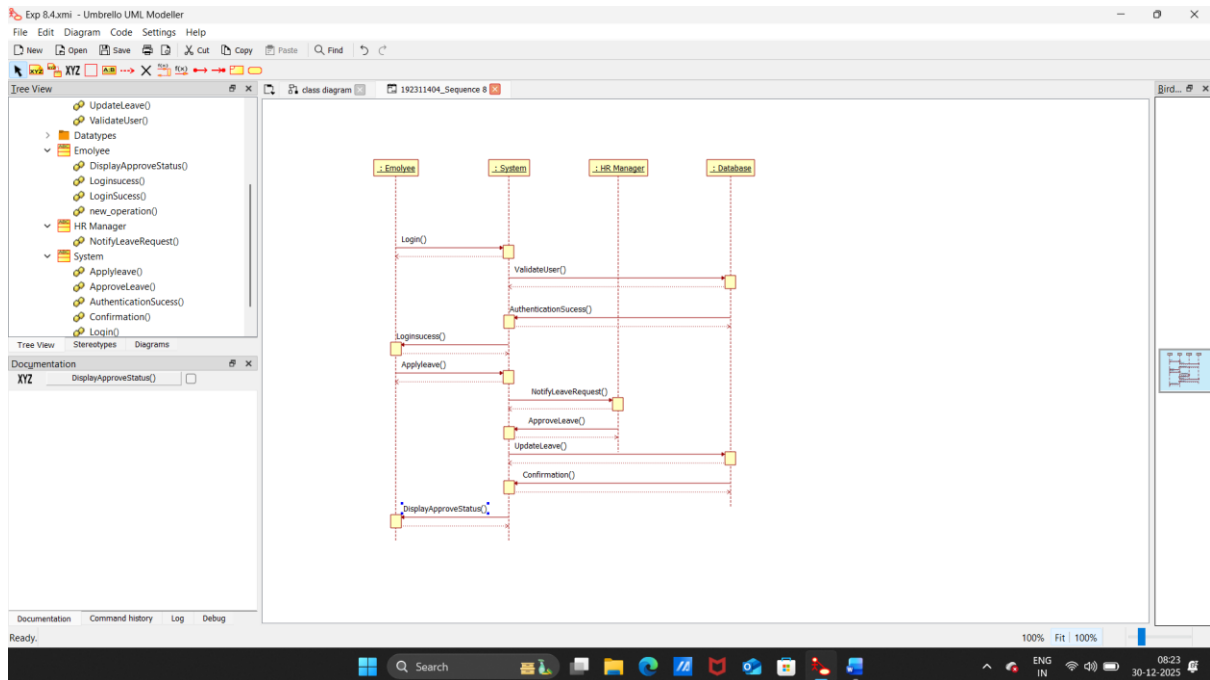
# Class Diagram:



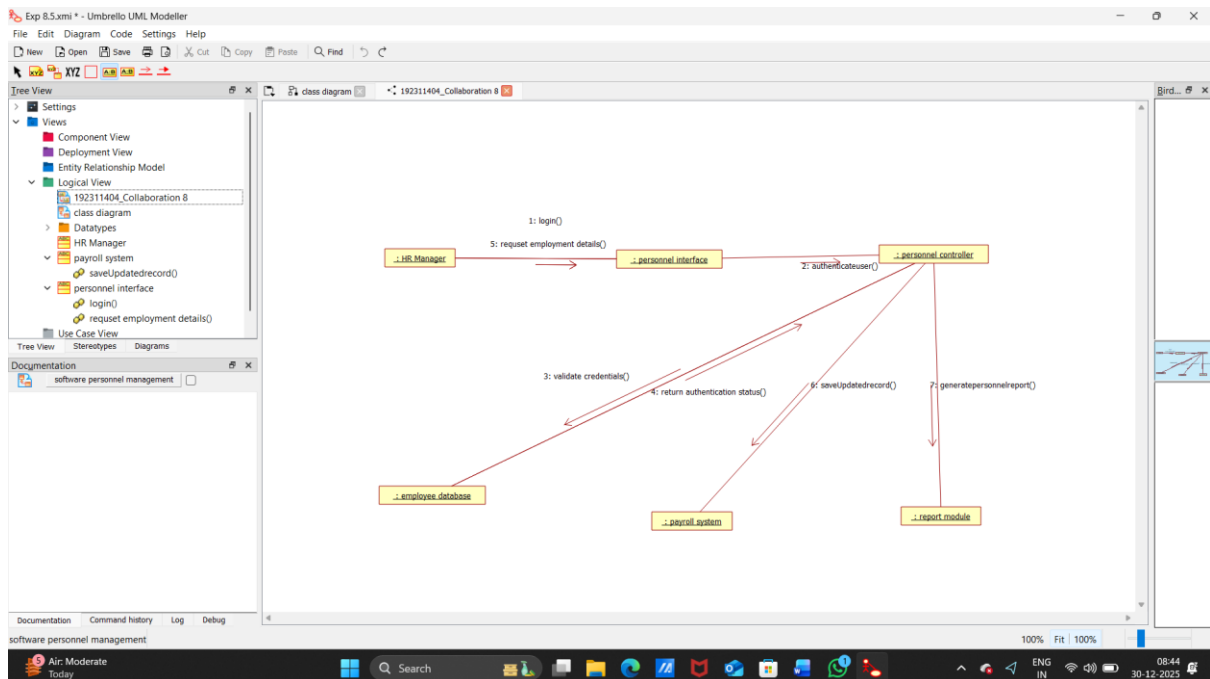
# Activity Diagram:



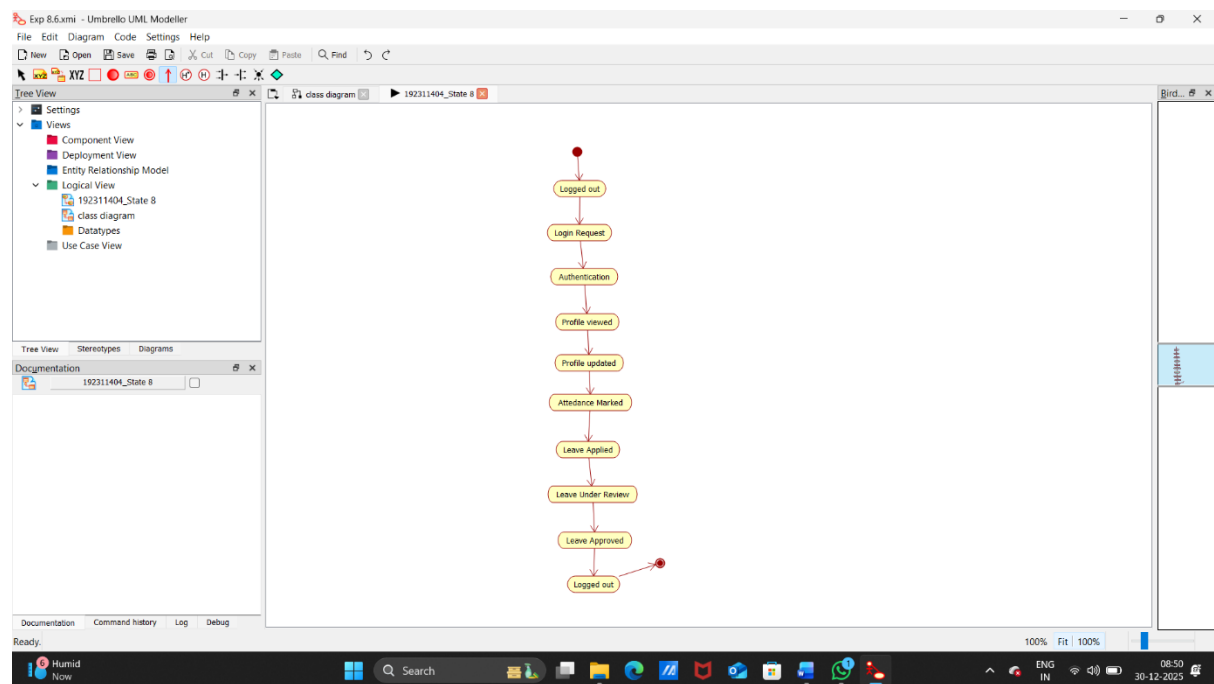
## Sequence Diagram:



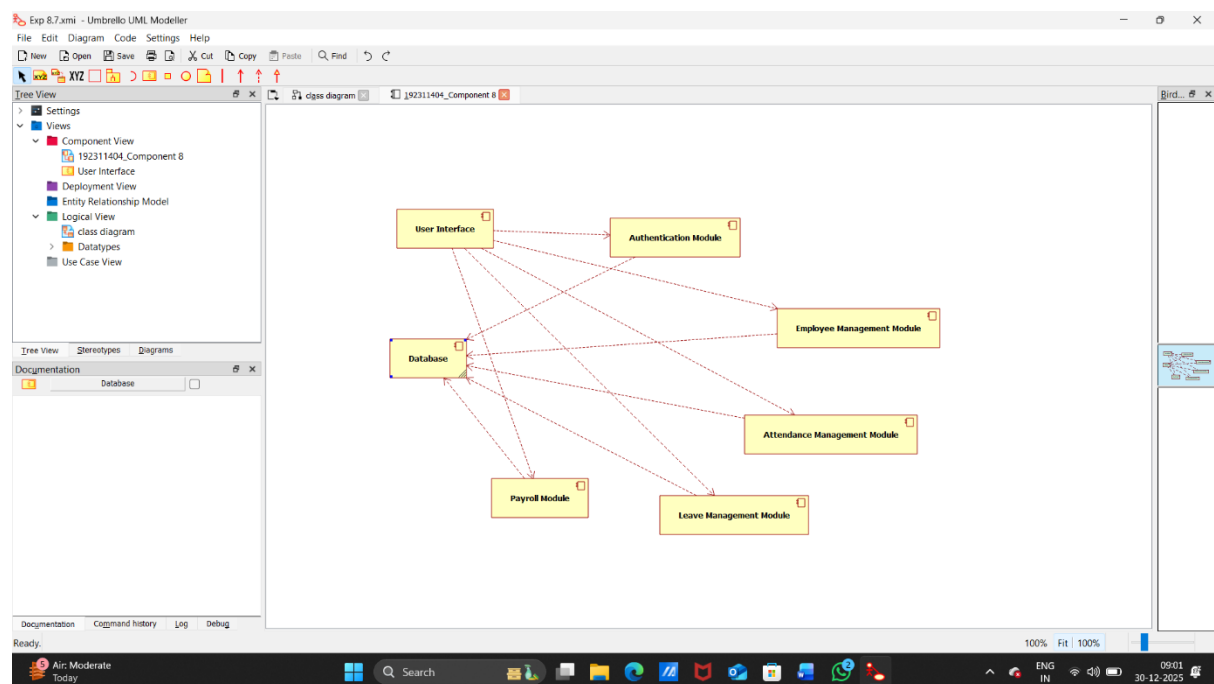
## Collaboration Diagram:



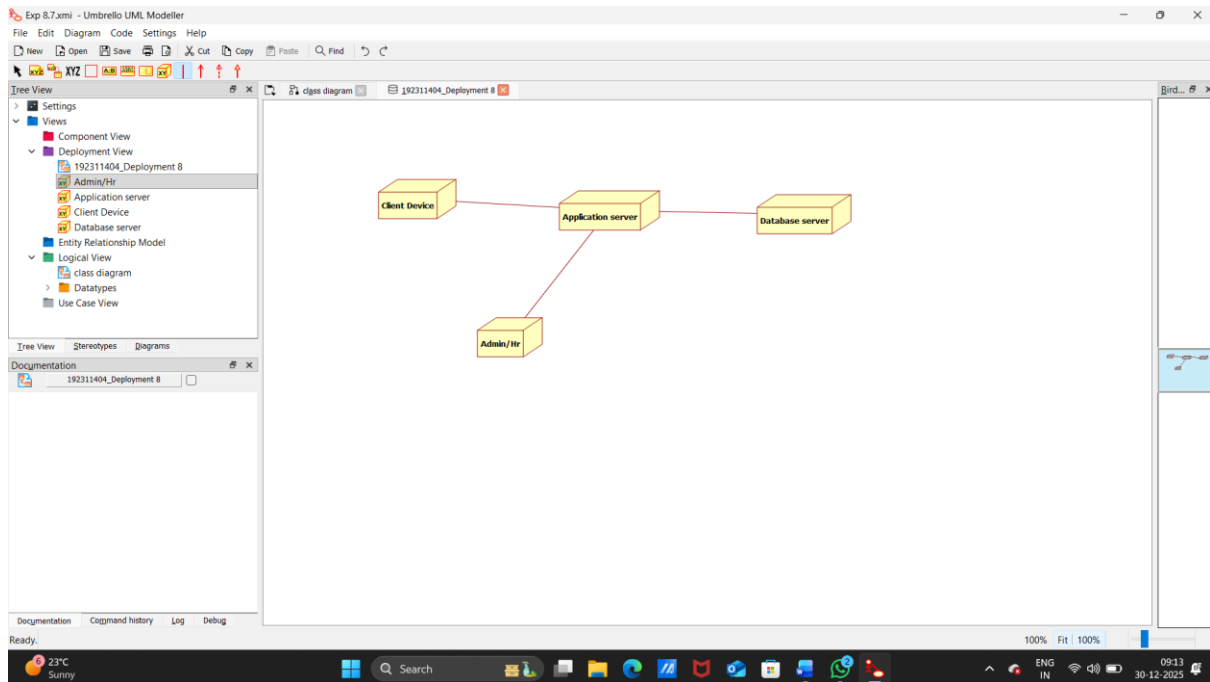
## State Diagram:



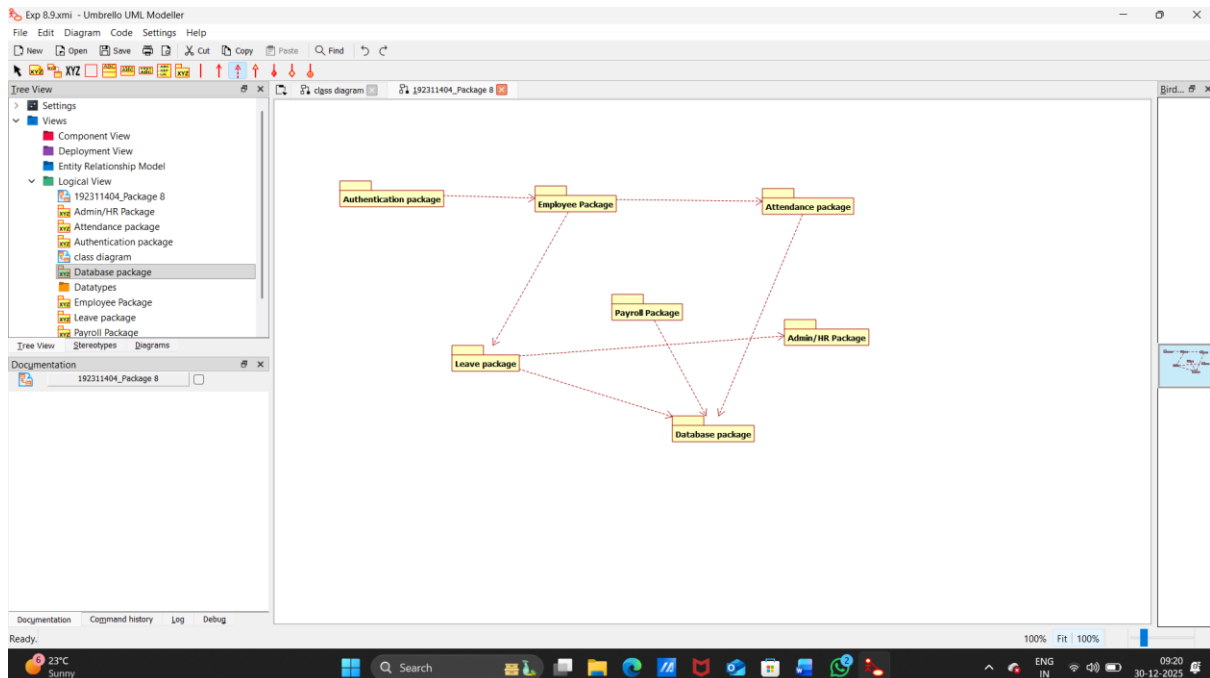
## Component Diagram:



## 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.