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

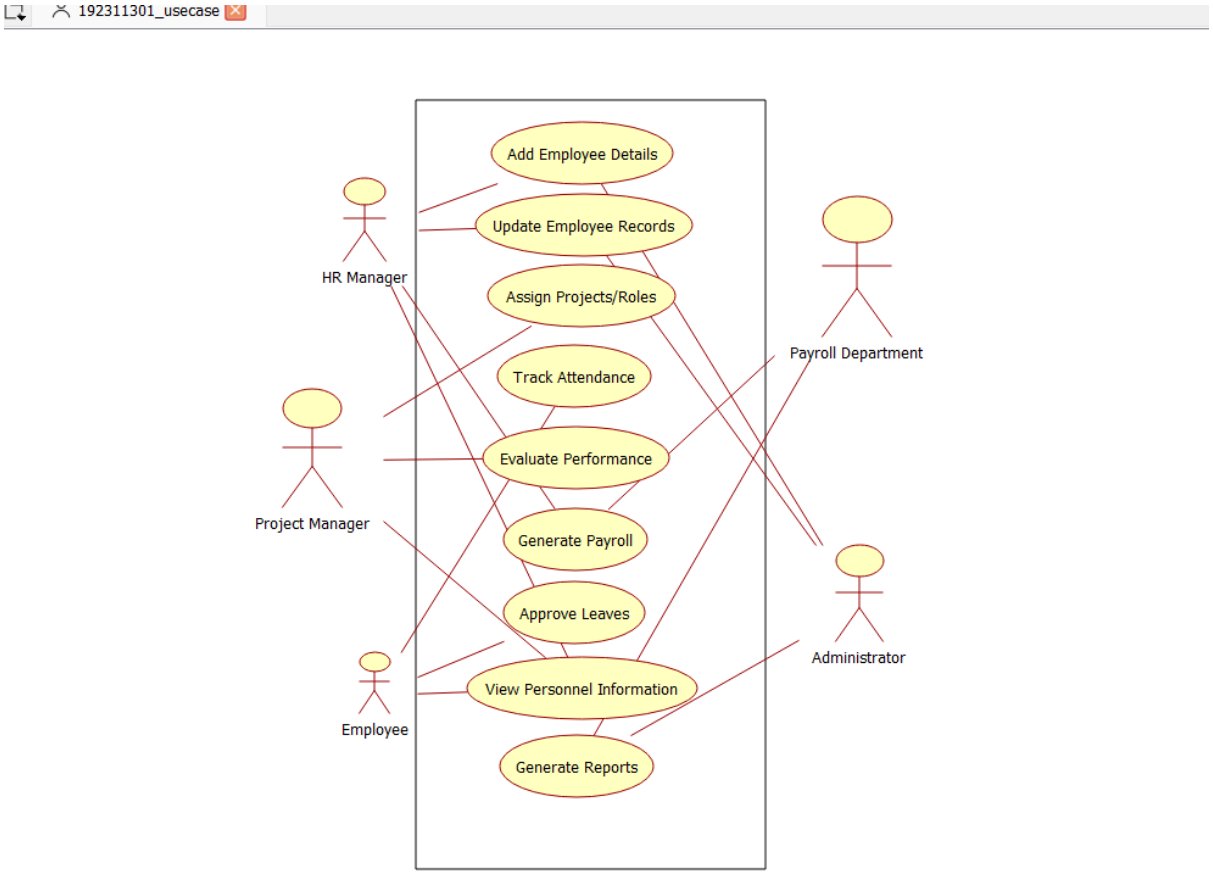
software company. The details are being stored in the Central Management System for the cross

checking the person’s details.

1.3 REFERENCES:

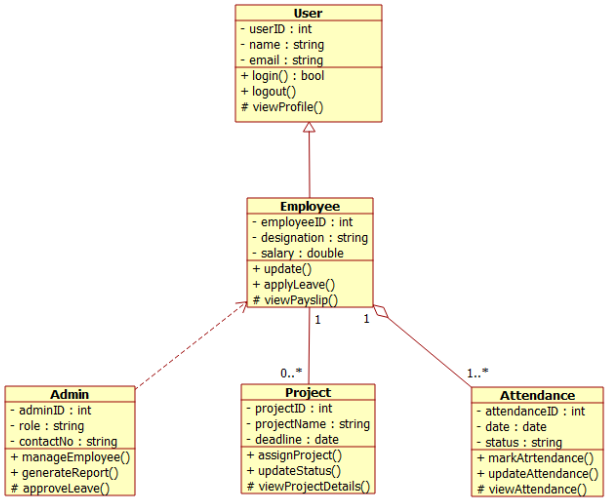
IEEE Software Requirement Specification format.

Usecase Diagram:

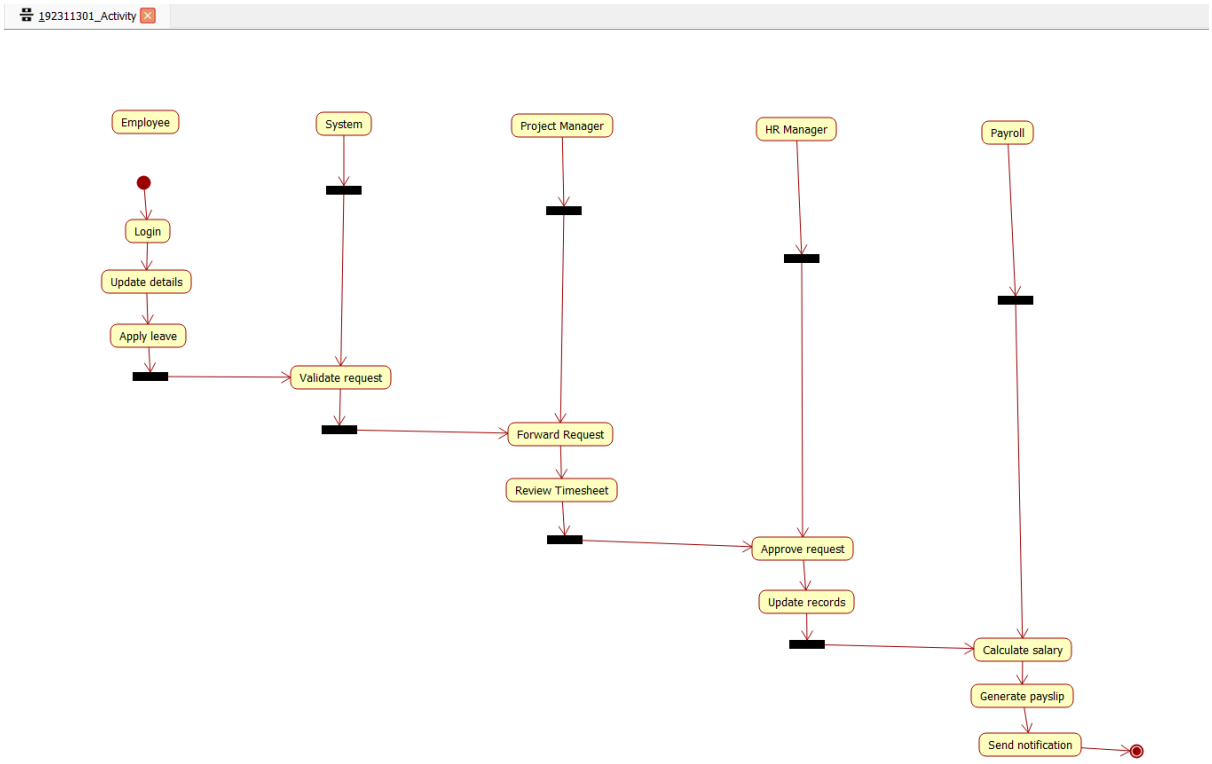


Class Diagram:

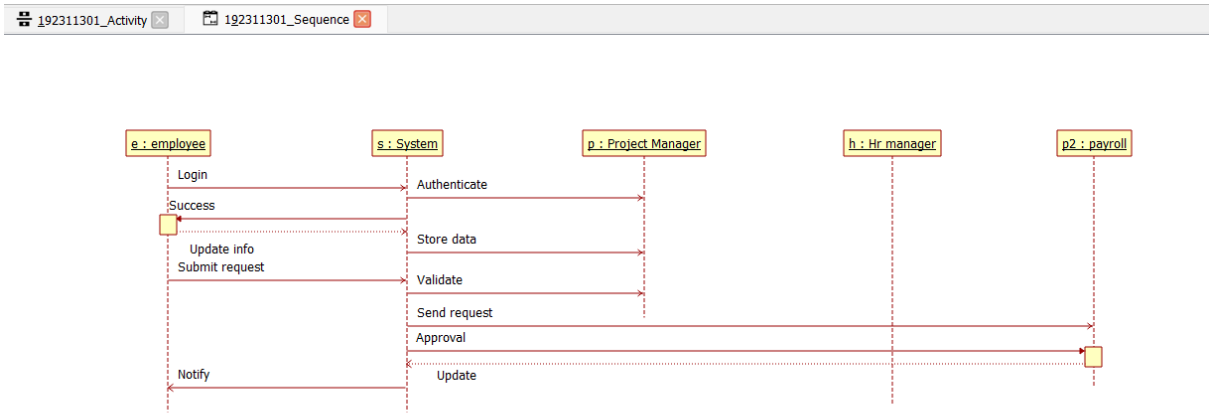
class diagram | 192311301_Class



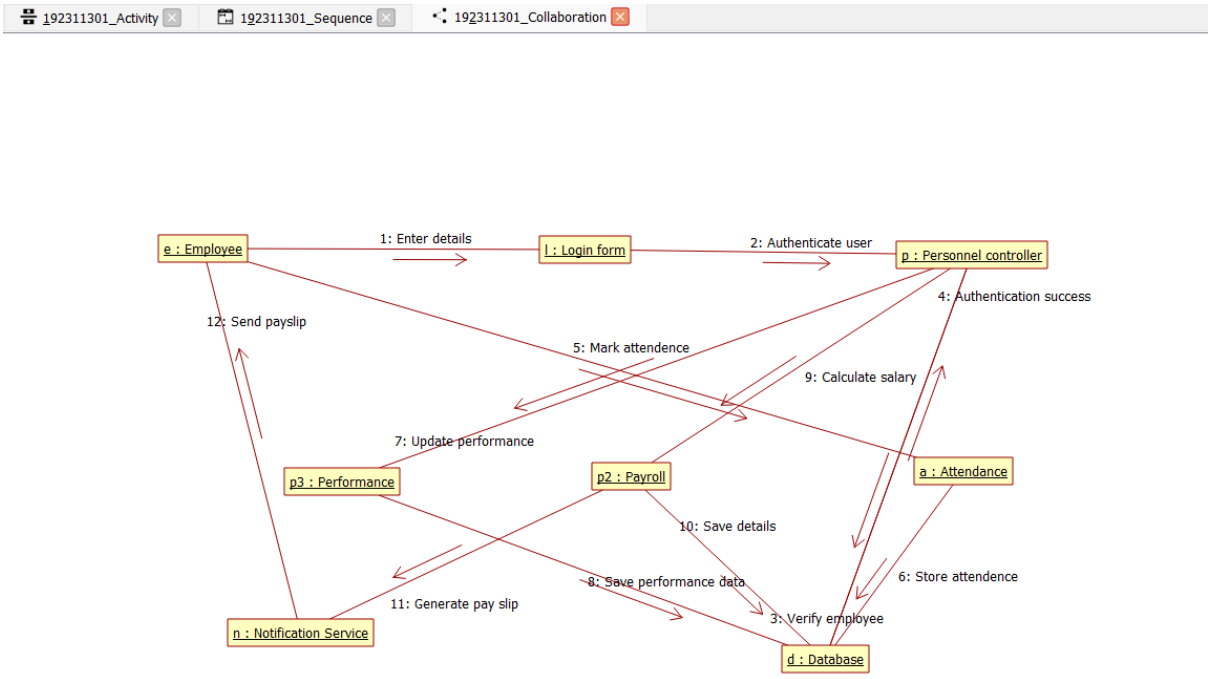
Activity Diagram:



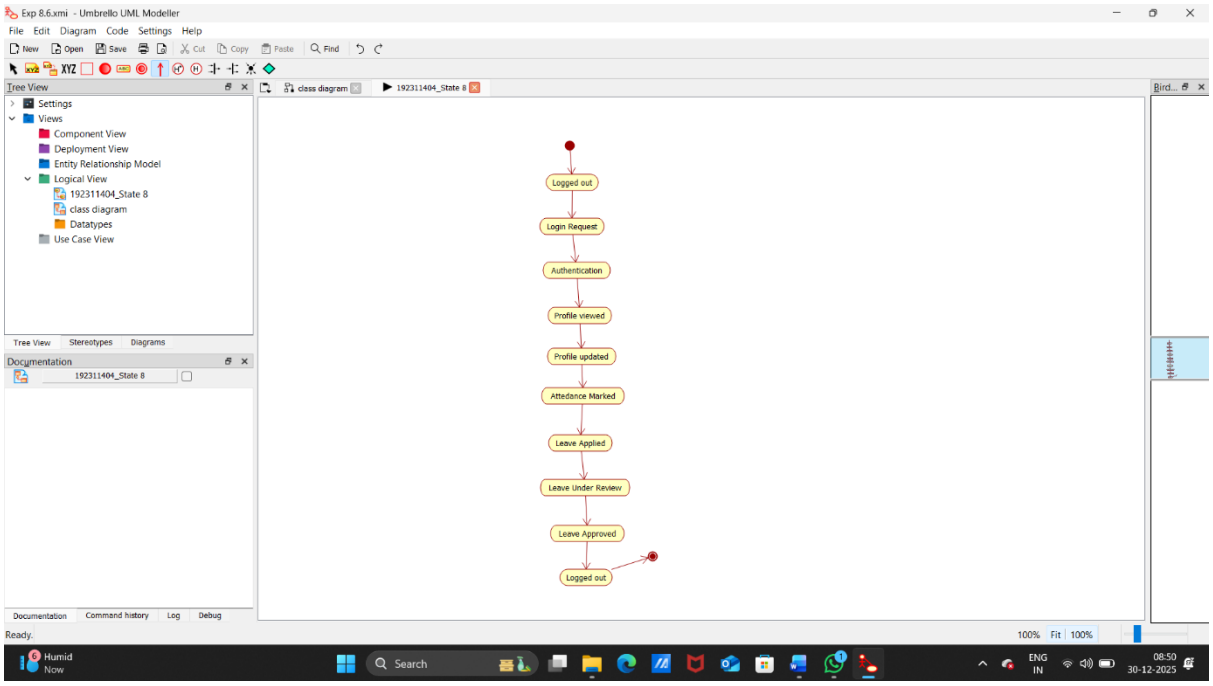
Sequence Diagram:



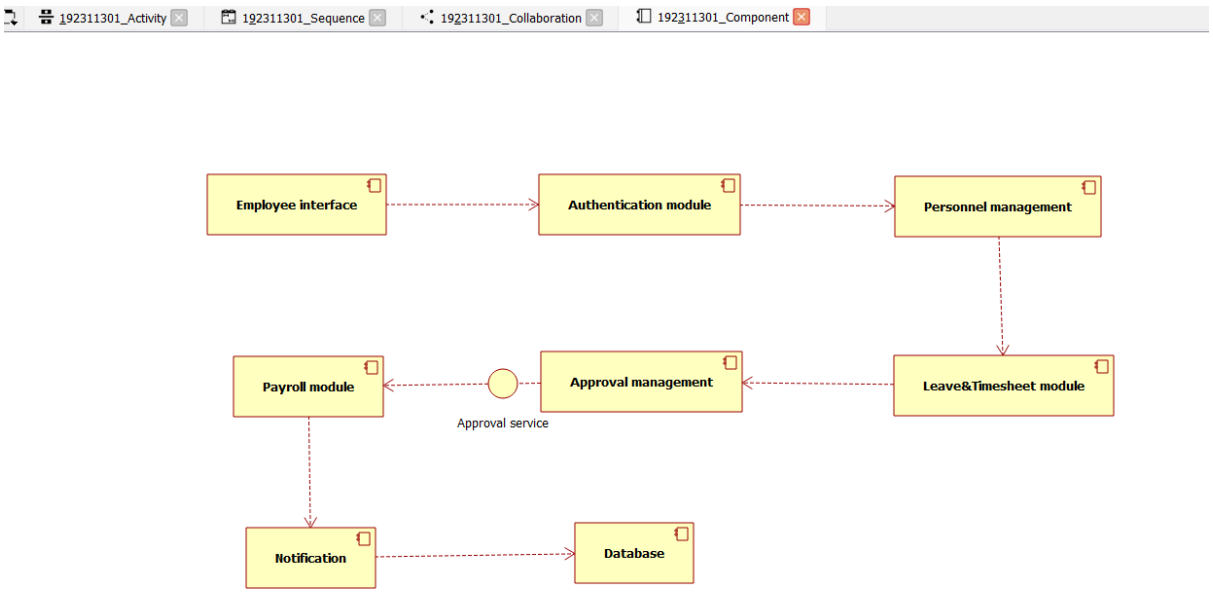
Collaboration Diagram:



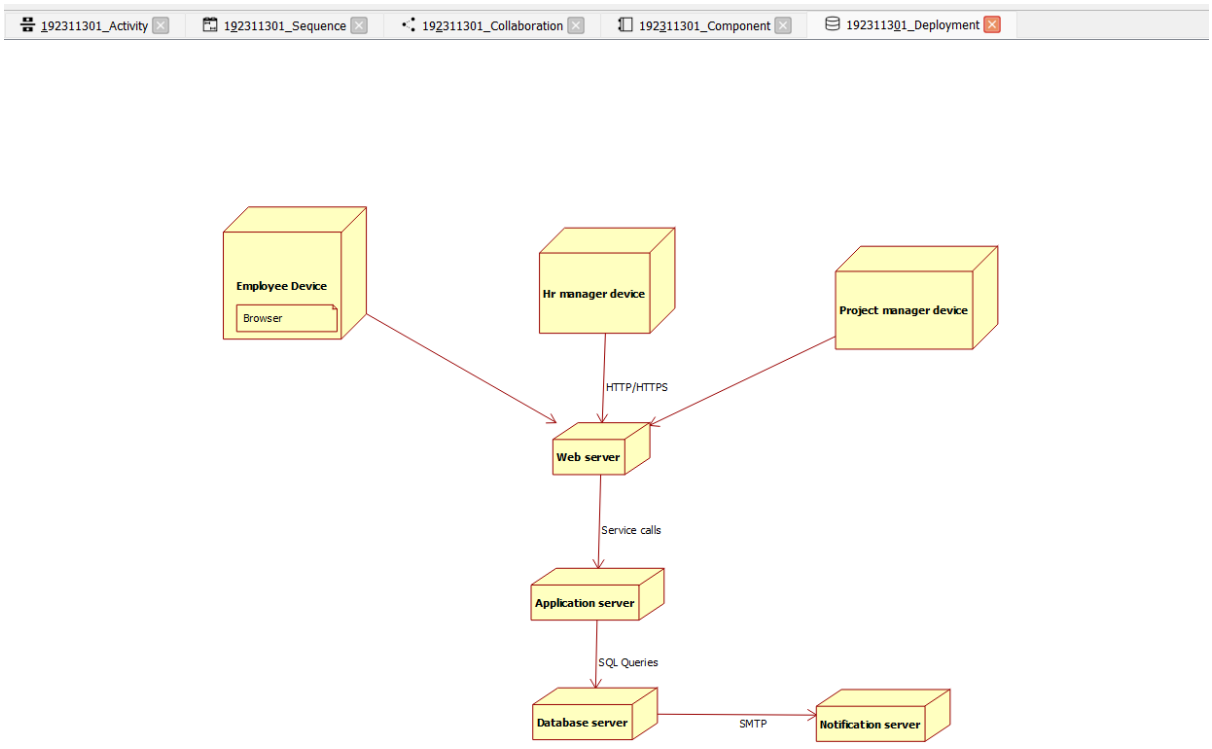
State Diagram:



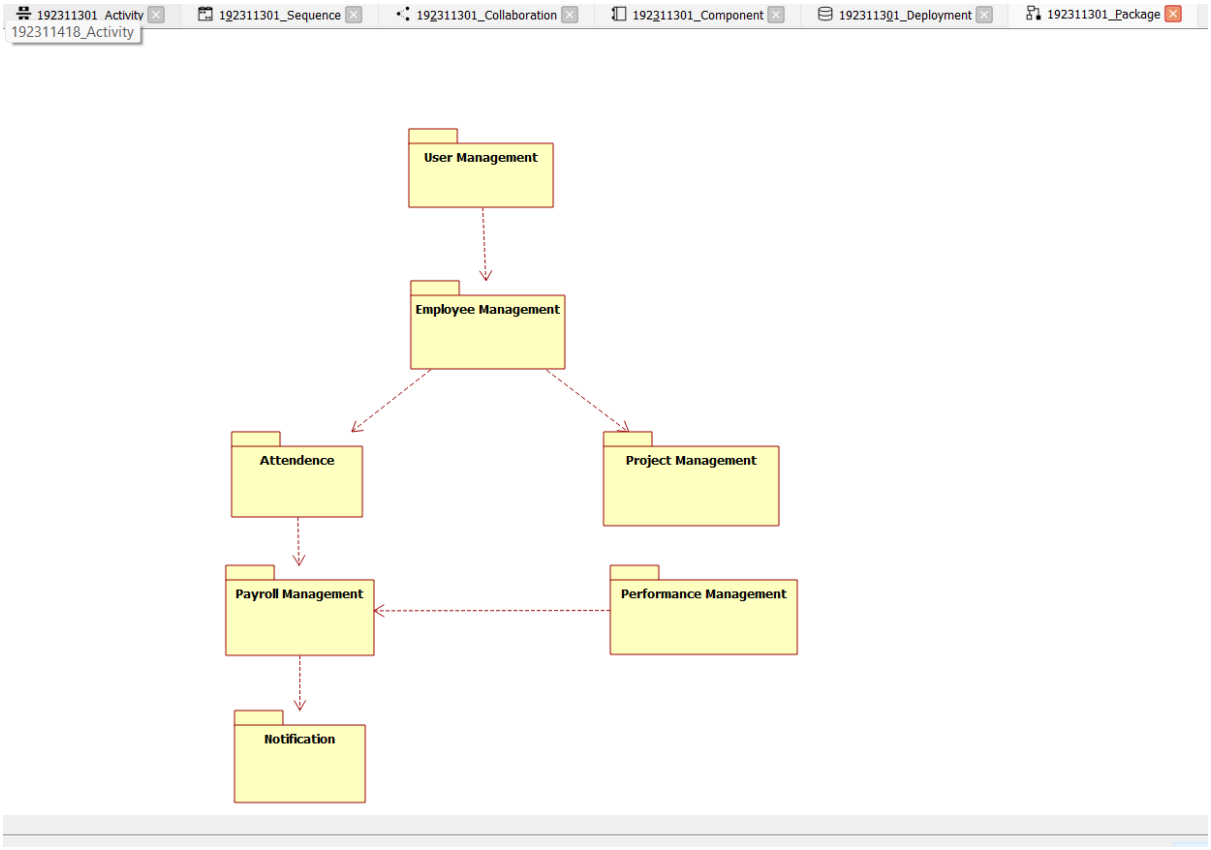
Component Diagram:



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.