Exp 7

CREDIT CARD PROCESSING SYSTEM

AIM:

To draw the diagrams [usecase, activity, sequence, collaboration, class, statechart,

component, deployment, package] for Credit Card Processing

.

SOFTWARE REQUIREMENTS SPECIFICATION:

SL.NO SOFTWARE REQUIREMENTS SPECIFICATION

1.0 Hardware Requirements

1.1 Software Requirements

1.2 Problem Analysis and Project Plan

1.3 Project description

1.4 Reference

1.0 HARDWARE REQUIREMENTS:

 Intel Pentium Processor I3/I5

1.1 SOFTWARE REQUIREMENTS:

Rational rose / Argo UML

1.2 PROBLEM ANALYSIS AND PROJECT PLANNING

The Credit Card Processing System which is use to purchasing an item from any shop mall,

and it is used to maintain the limitation of credit card balance and current transaction process could

be update via credit card machine. This project mainly used for large amount of item can be easy

to buy from anywhere and required transaction process should be maintained them.

1.3 PROJECT DESCRIPTION:

This software is designed for supporting the computerized credit card processing

System .In this system, the cardholder purchases items and pays bill with the aid of the credit card.
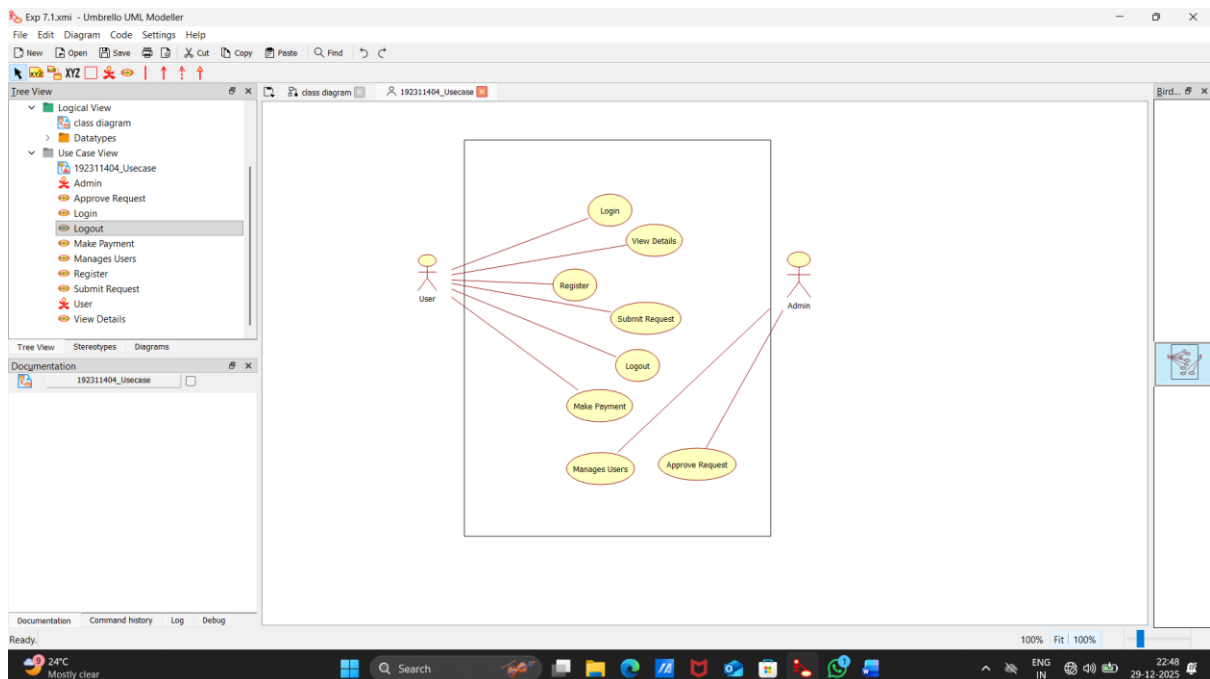
The cashier accepts the card and proceeds for transaction using the central system. The bill is

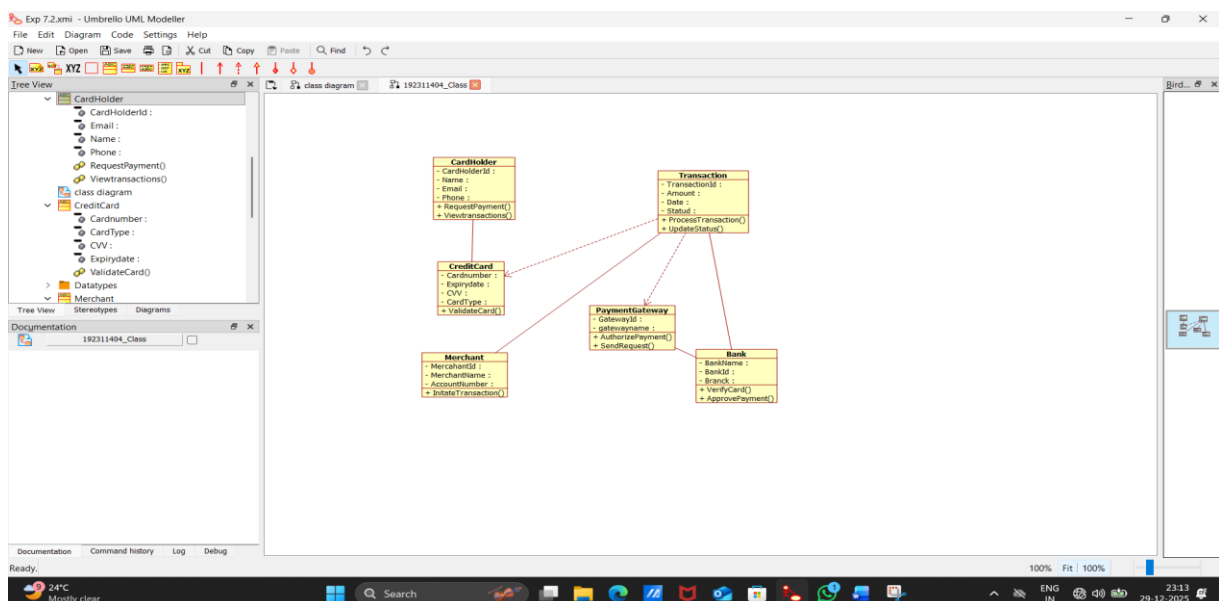verified and the items are delivered to the cardholder.

1.4 REFERENCES:
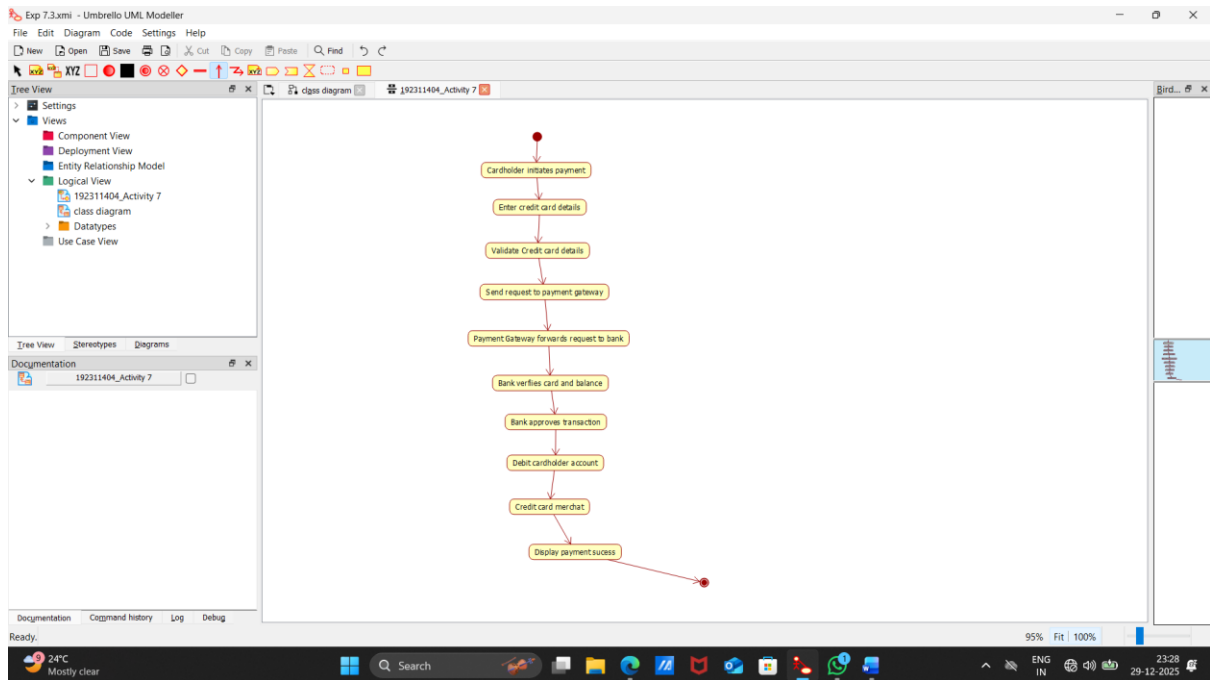
IEEE Software Requirement Specification format.
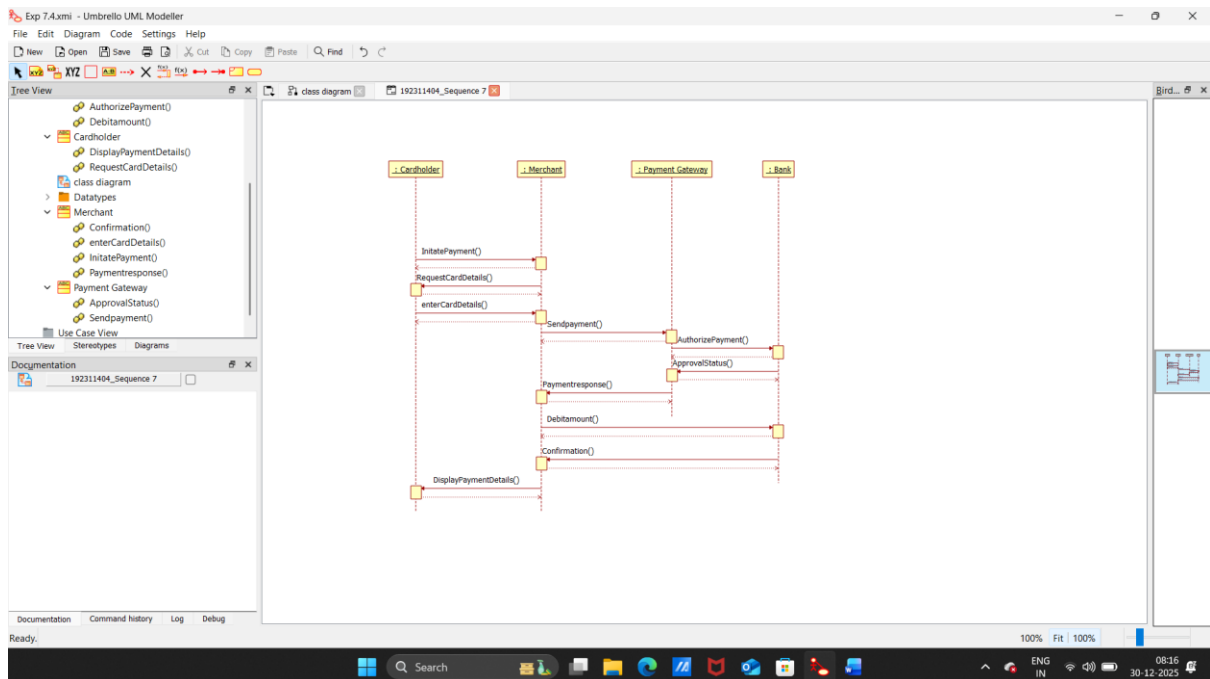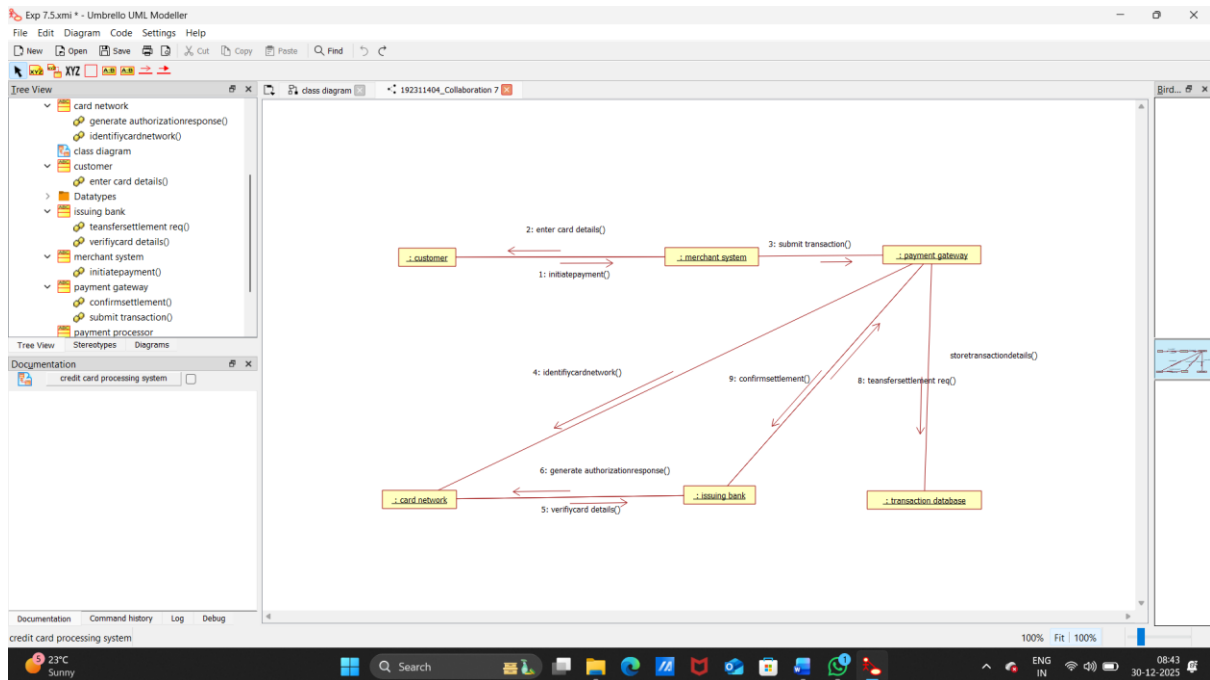
Usecase Diagram:

Class Diagram:

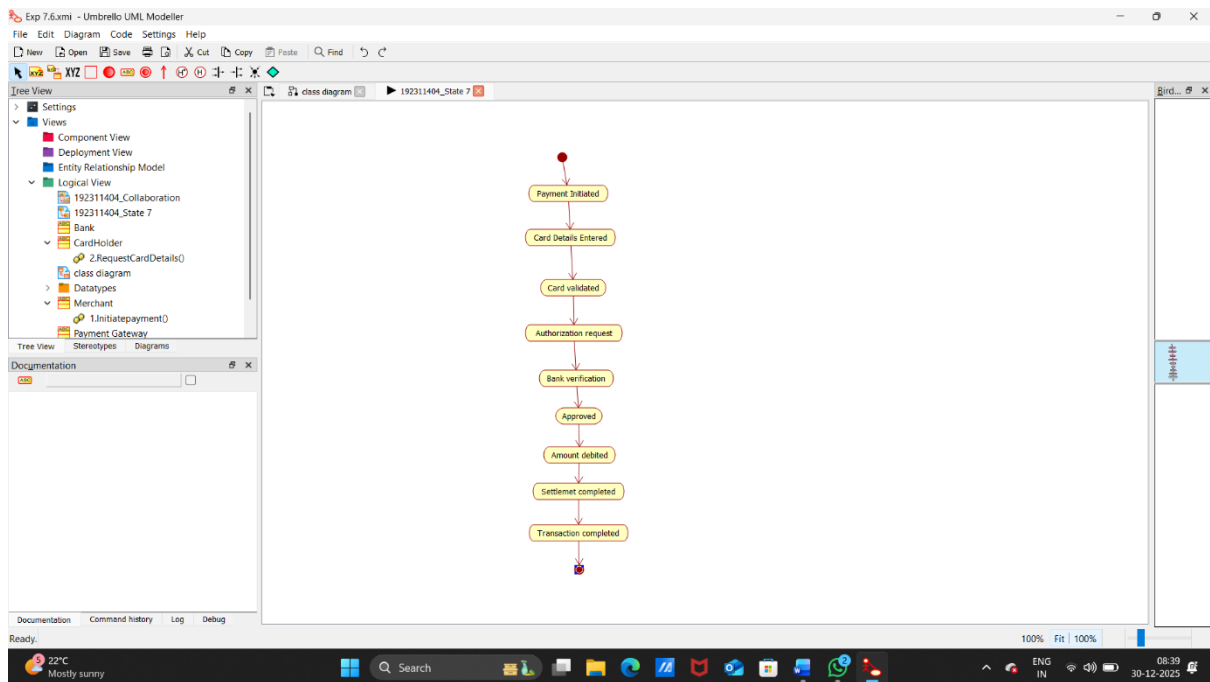## Activity Diagram:
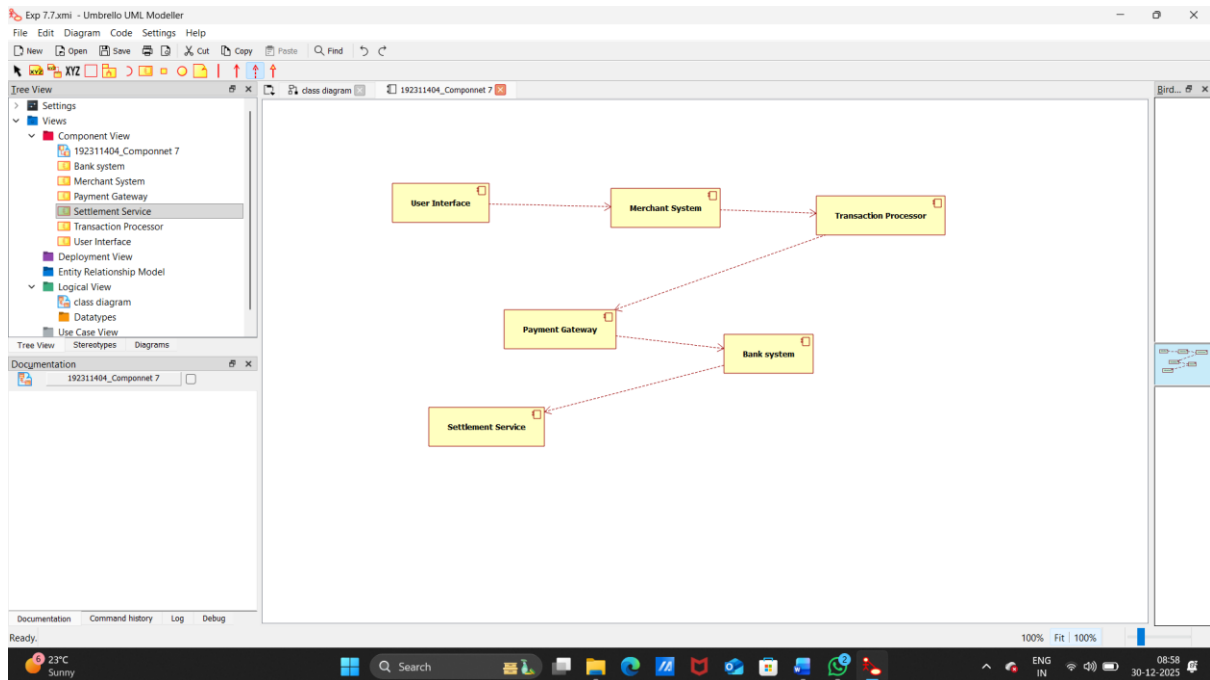

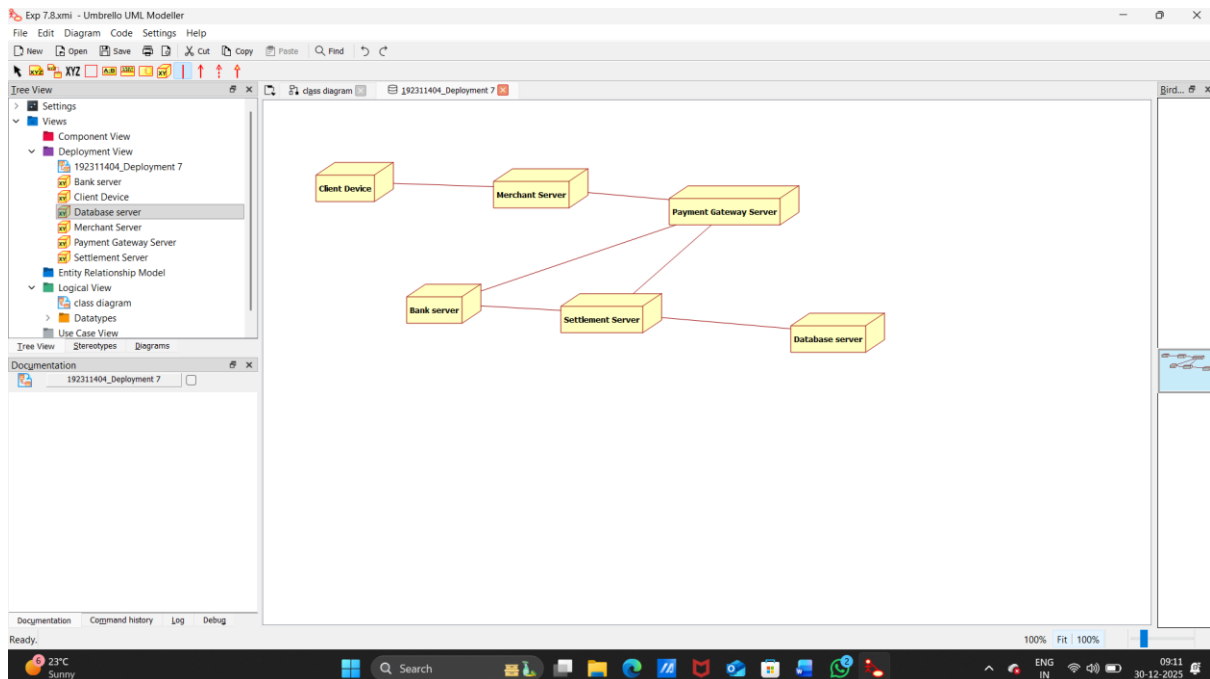## Sequence Diagram:
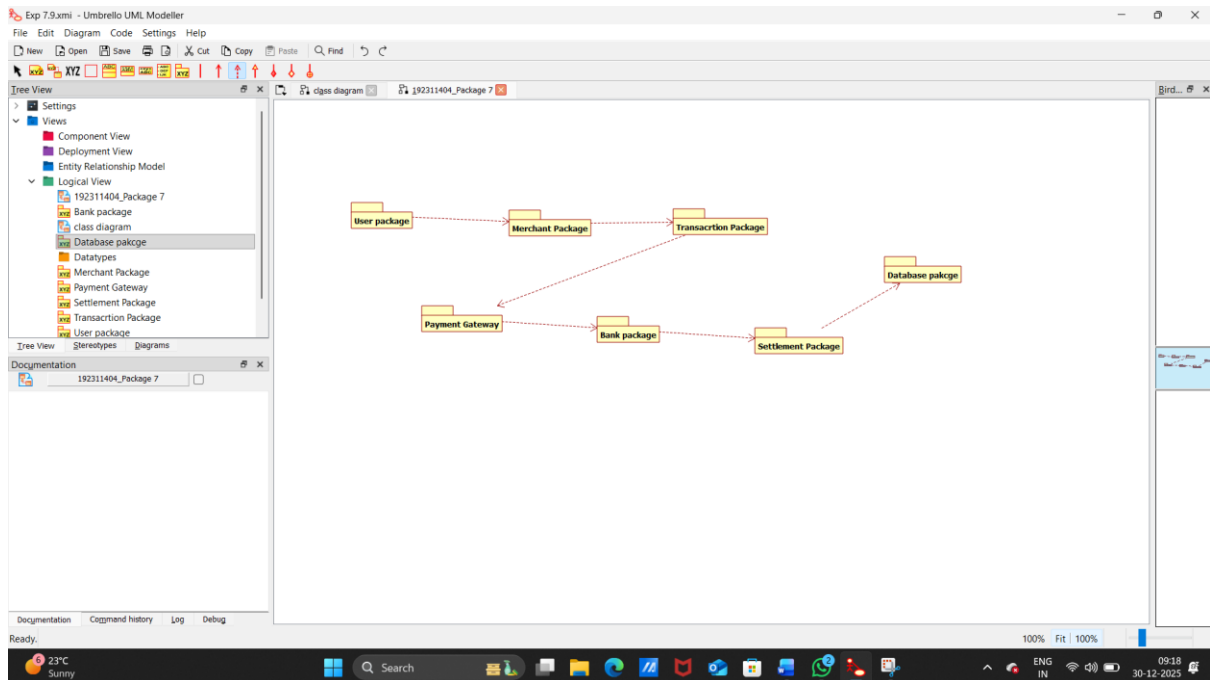
Collaboration Diagram:

State Diagram:

Component Diagram:

Deployment Diagram:

Package Diagram:

PROGRAM CODING:

CASH HOLDER:

```
public class cash holder

 {


 public Integer itemspurchased;


  public void signbill()

 {

 }
```

```
}


CASHIER:

public class cashier

 {


  public Integer name;


  public Integer cast;


  public void amount()

{

 }


}


CENTRAL SYSTEM:

public class central sys

 {
```

```
  private Integer productname;


  public Integer productdetails;


  public void printbill()
{
 }
  public void validatecard()
{
 }
```

RESULT:

Thus the diagrams[use case, activity, sequence, collaboration, class, state chart, component, deployment, package] for the credit card processing system has been designed, executed and output is verified.