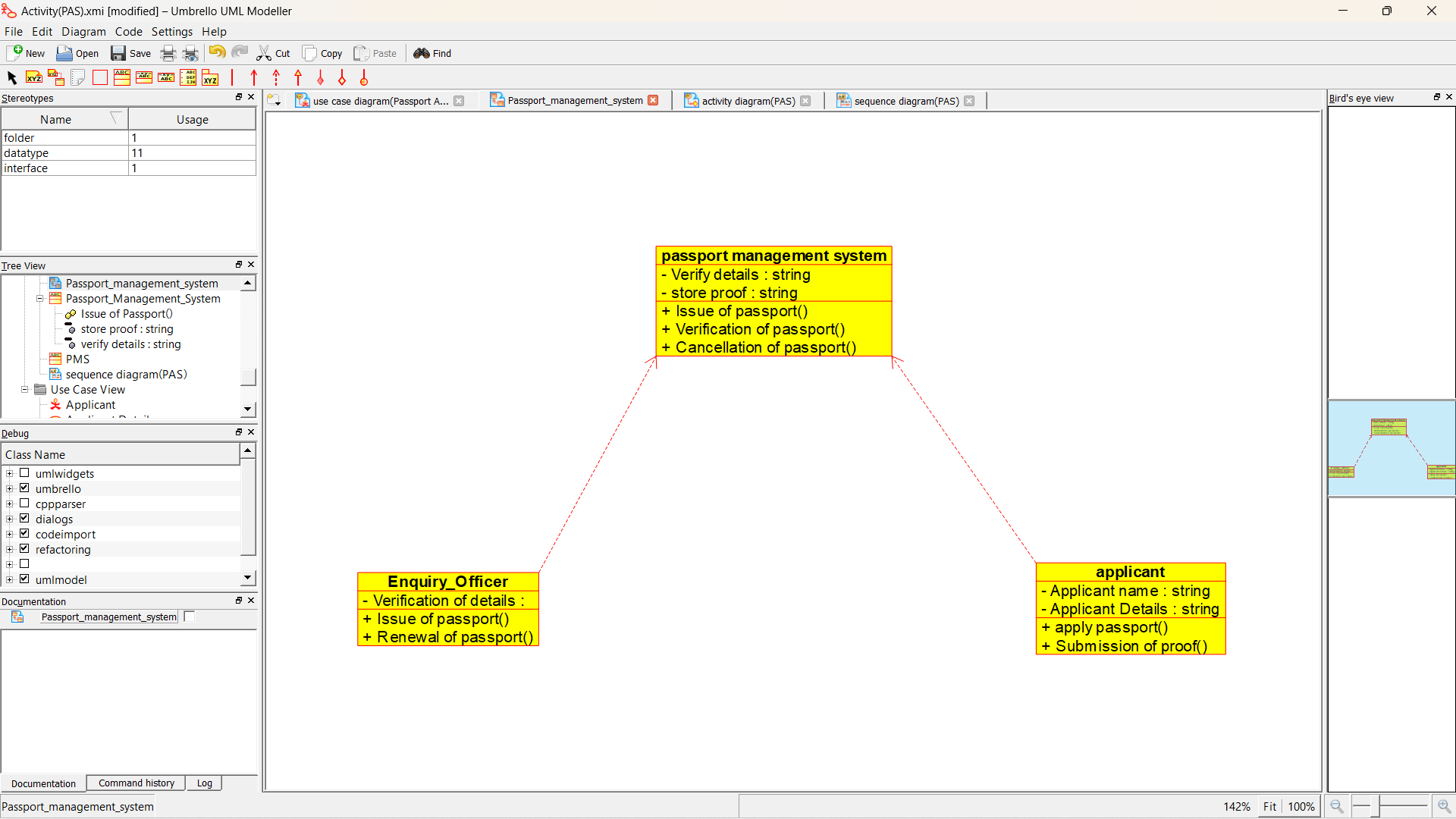
**1.PASSPORT MANAGEMENT SYSTEM**

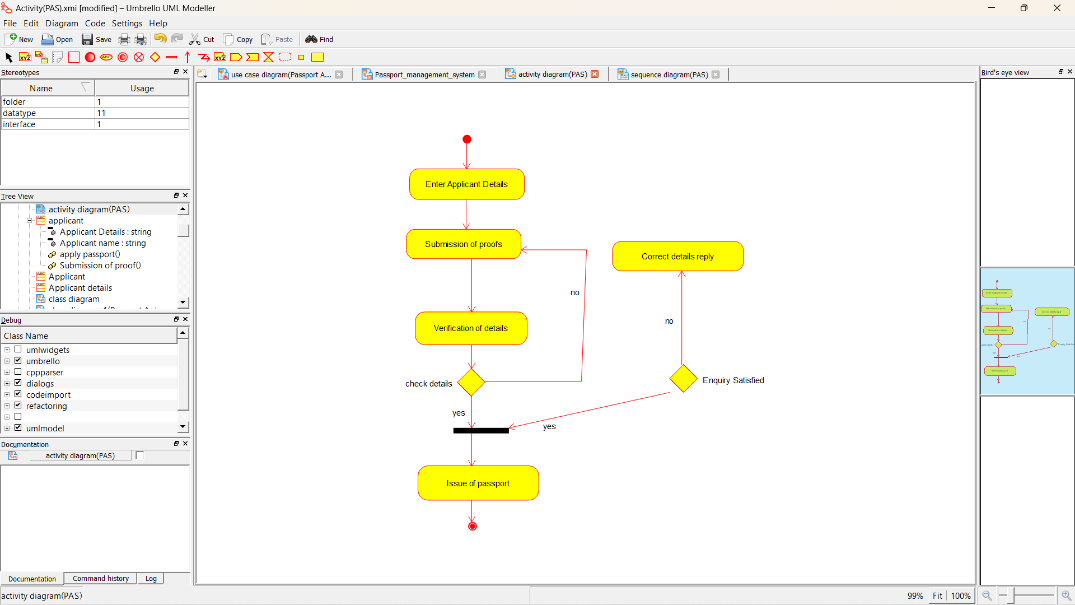
**USE CASE DIAGRAM:**



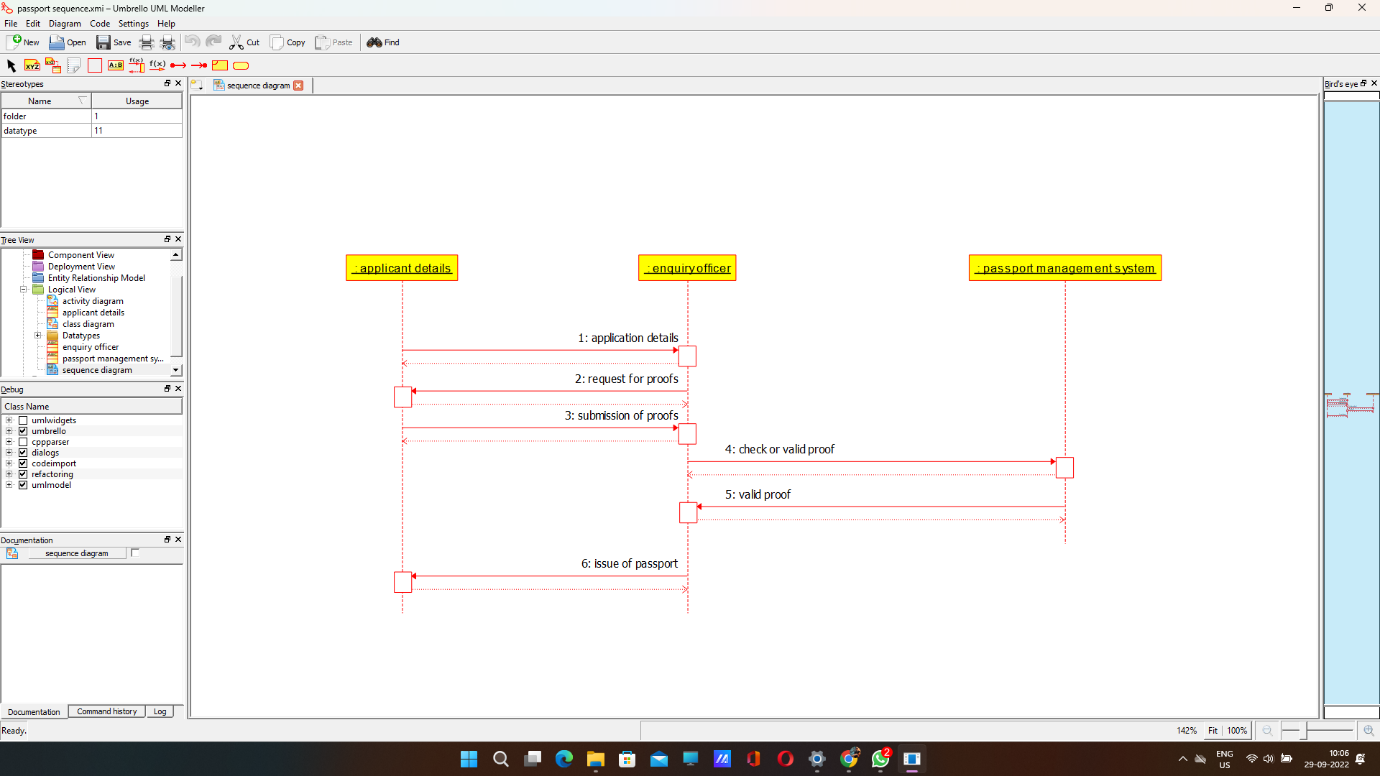




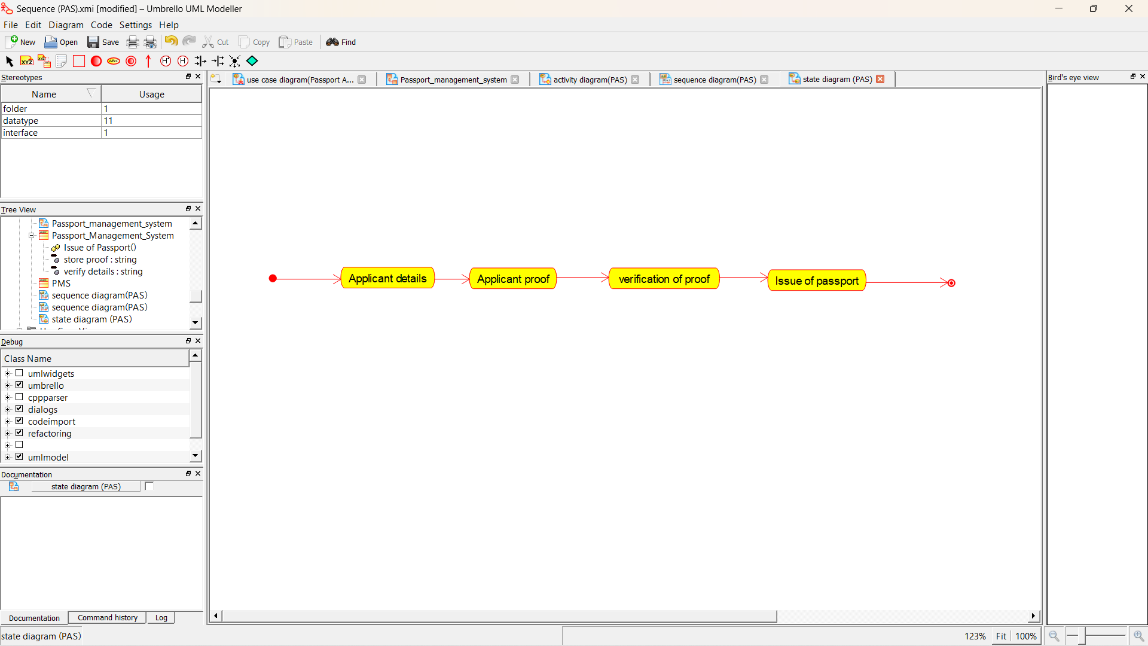
**ACTIVITY DIAGRAM:**



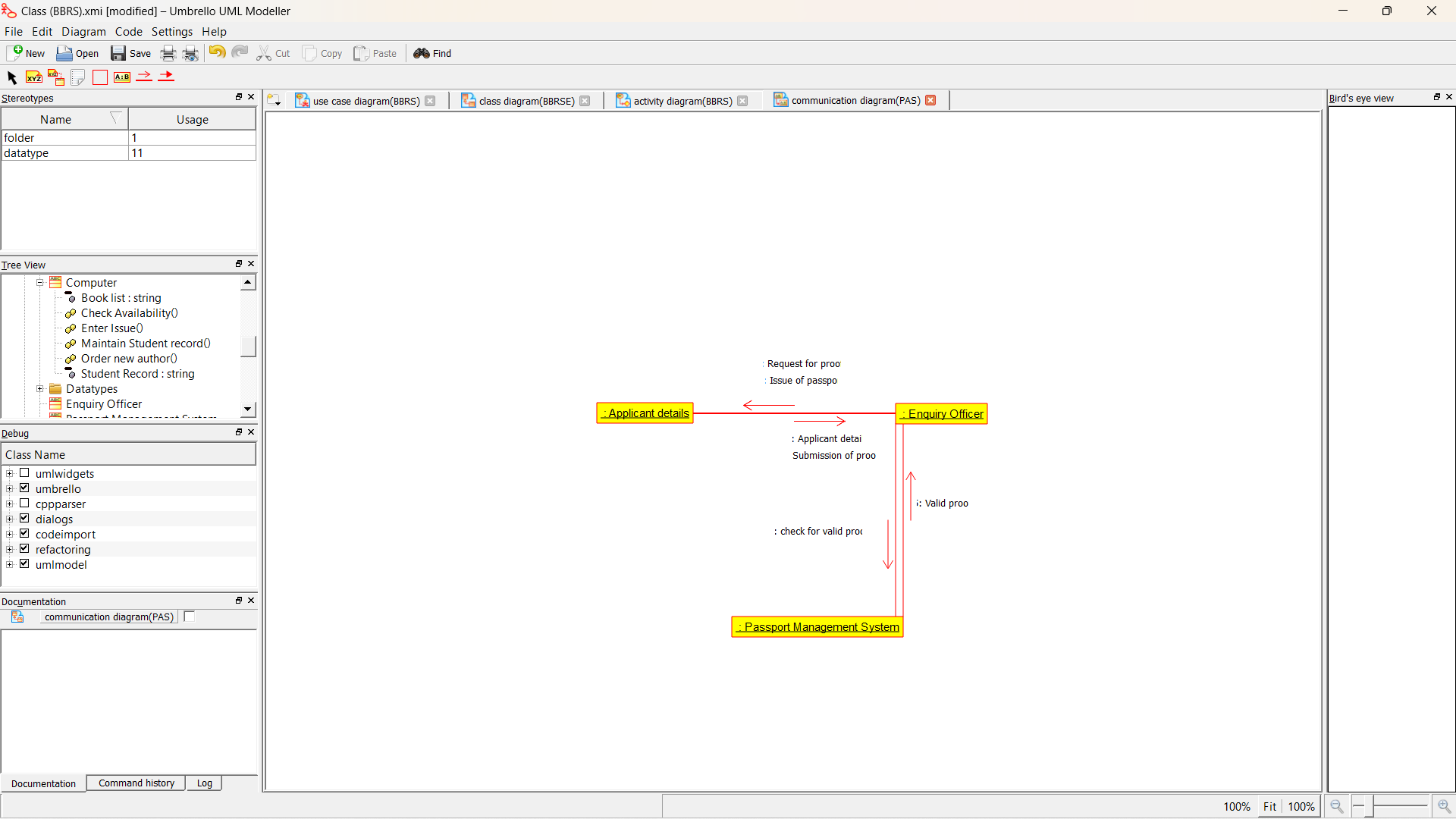
**SEQUENCE DIAGRAM:**



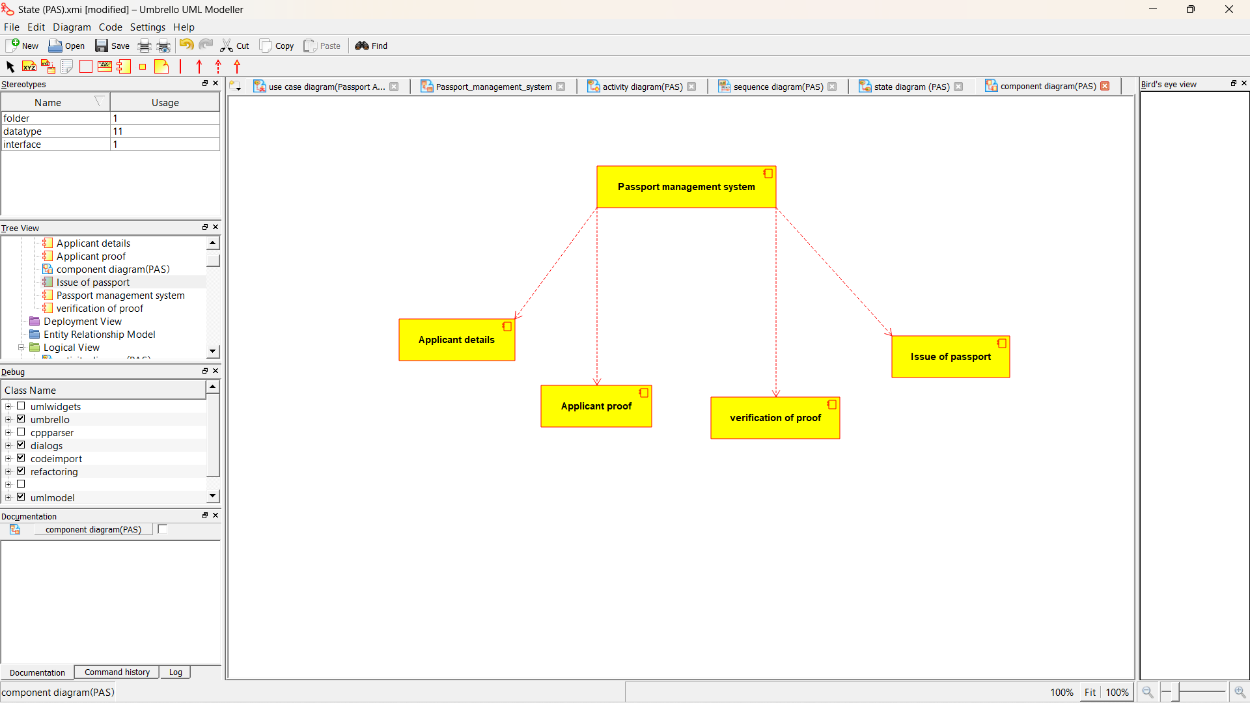
**STATE CHART DIAGRAM :**



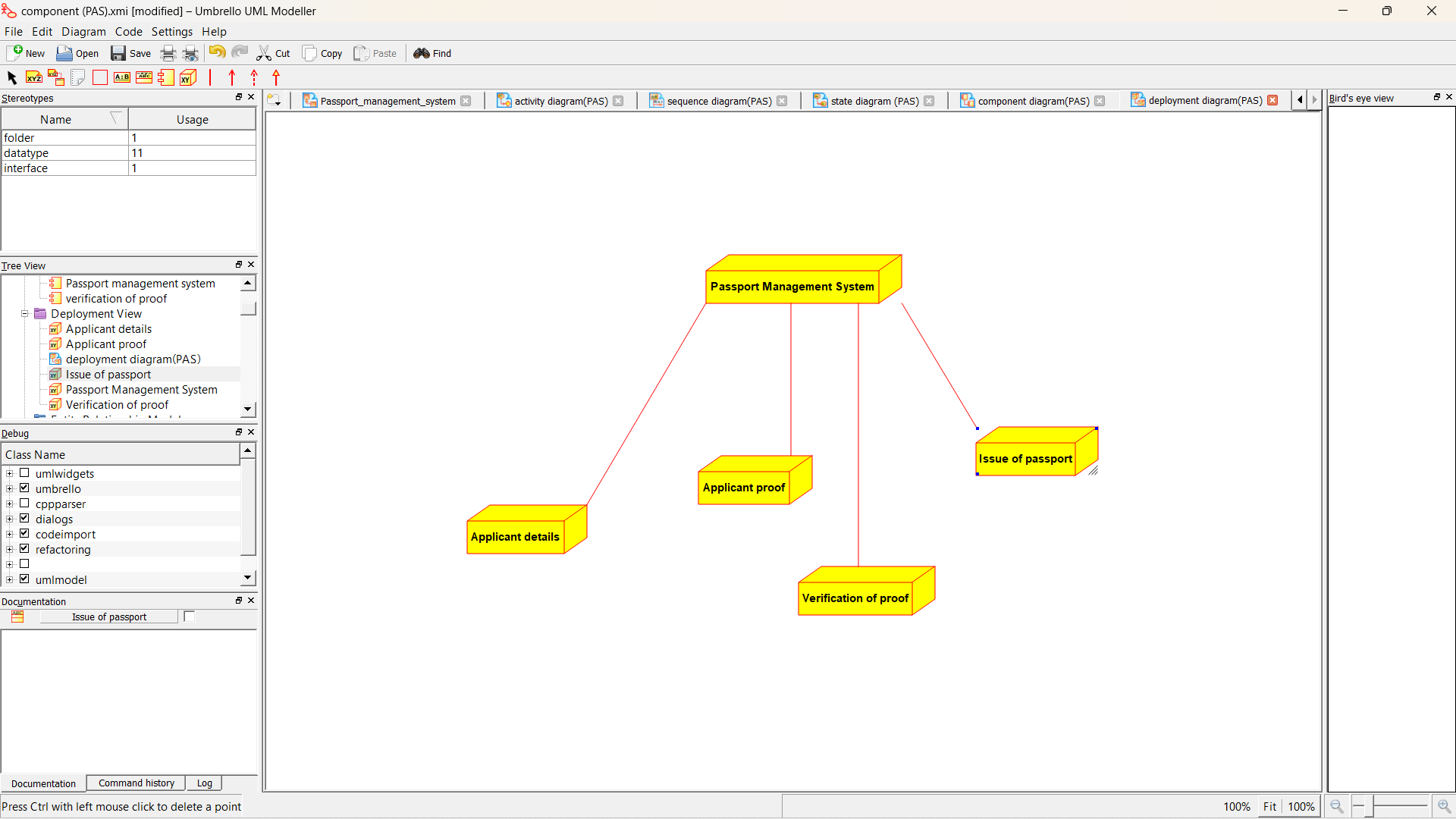
**COLLABORATION DIAGRAM:**



**COMPONENT DIAGRAM :**



**DEPLOYMENT DIAGRAM :**



*Program coding:*

*/\*\**

*\* Class APPLICANT*

*\*/*

*public class APPLICANT {*

*//*

*// Fields*

*//*

*private void APPLICANT\_NAME;*

*private String applicant\_details;*

*//*

*// Constructors*

*//*

*public APPLICANT () { };*

*//*

*// Methods*

*//*

*//*

*// Accessor methods*

*//*

*/\*\**

*\* Set the value of APPLICANT\_NAME*

*\* @param newVar the new value of APPLICANT\_NAME*

*\*/*

*private void setAPPLICANT\_NAME (void newVar) {*

*APPLICANT\_NAME = newVar;*

*}*

*/\*\**

*\* Get the value of APPLICANT\_NAME*

*\* @return the value of APPLICANT\_NAME*

*\*/*

*private void getAPPLICANT\_NAME () {*

*return APPLICANT\_NAME;*

*}*

*/\*\**

*\* Set the value of applicant\_details*

*\* @param newVar the new value of applicant\_details*

*\*/*

*private void setApplicant\_details (String newVar) {*

*applicant\_details = newVar;*

*}*

*/\*\**

*\* Get the value of applicant\_details*

*\* @return the value of applicant\_details*

*\*/*

*private String getApplicant\_details () {*

*return applicant\_details;*

*}*

*//*

*// Other methods*

*//*

*/\*\**

*\*/*

*public void apply\_passport()*

*{*

*}*

*/\*\**

*\*/*

*public void submission\_of\_proof()*

*{*

*}*

*}*

*/\*\**

*\* Class ENQUIRY\_OFFICER*

*\*/*

*public class ENQUIRY\_OFFICER {*

*//*

*// Fields*

*//*

*private String VERIFICATION\_OF\_DETAILS;*

*//*

*// Constructors*

*//*

*public ENQUIRY\_OFFICER () { };*

*//*

*// Methods*

*//*

*//*

*// Accessor methods*

*//*

*/\*\**

*\* Set the value of VERIFICATION\_OF\_DETAILS*

*\* @param newVar the new value of VERIFICATION\_OF\_DETAILS*

*\*/*

*private void setVERIFICATION\_OF\_DETAILS (String newVar) {*

*VERIFICATION\_OF\_DETAILS = newVar;*

*}*

*/\*\**

*\* Get the value of VERIFICATION\_OF\_DETAILS*

*\* @return the value of VERIFICATION\_OF\_DETAILS*

*\*/*

*private String getVERIFICATION\_OF\_DETAILS () {*

*return VERIFICATION\_OF\_DETAILS;*

*}*

*//*

*// Other methods*

*//*

*/\*\**

*\*/*

*public void Issue\_of\_passport()*

*{*

*}*

*/\*\**

*\*/*

*public void renewal\_of\_passport()*

*{*

*}*

*}*

*/\*\**

*\* Class PASSPORT\_MANAGEMENT\_SYSTEM*

*\*/*

*public class PASSPORT\_MANAGEMENT\_SYSTEM {*

*//*

*// Fields*

*//*

*private String VERIFY\_DETAILS;*

*private String STORE\_PROOF*

*//*

*// Constructors*

*//*

*public PASSPORT\_MANAGEMENT\_SYSTEM () { };*

*//*

*// Methods*

*//*

*//*

*// Accessor methods*

*//*

*/\*\**

*\* Set the value of VERIFY\_DETAILS*

*\* @param newVar the new value of VERIFY\_DETAILS*

*\*/*

*private void setVERIFY\_DETAILS (String newVar) {*

*VERIFY\_DETAILS = newVar;*

*}*

*/\*\**

*\* Get the value of VERIFY\_DETAILS*

*\* @return the value of VERIFY\_DETAILS*

*\*/*

*private String getVERIFY\_DETAILS () {*

*return VERIFY\_DETAILS;*

*}*

*/\*\**

*\* Set the value of STORE\_PROOF*

*\* @param newVar the new value of STORE\_PROOF*

*\*/*

*private void setSTORE\_PROOF (String newVar) {*

*STORE\_PROOF = newVar;*

*}*

*/\*\**

*\* Get the value of STORE\_PROOF*

*\* @return the value of STORE\_PROOF*

*\*/*

*private String getSTORE\_PROOF () {*

*return STORE\_PROOF;*

*}*

*//*

*// Other methods*

*//*

*/\*\**

*\*/*

*public void Issue\_of\_passport()*

*{*

*}*

*/\*\**

*\*/*

*public void verification\_of\_passport()*

*{*

*}*

*/\*\**

*\*/*

*public void cancellation\_of\_passpott()*

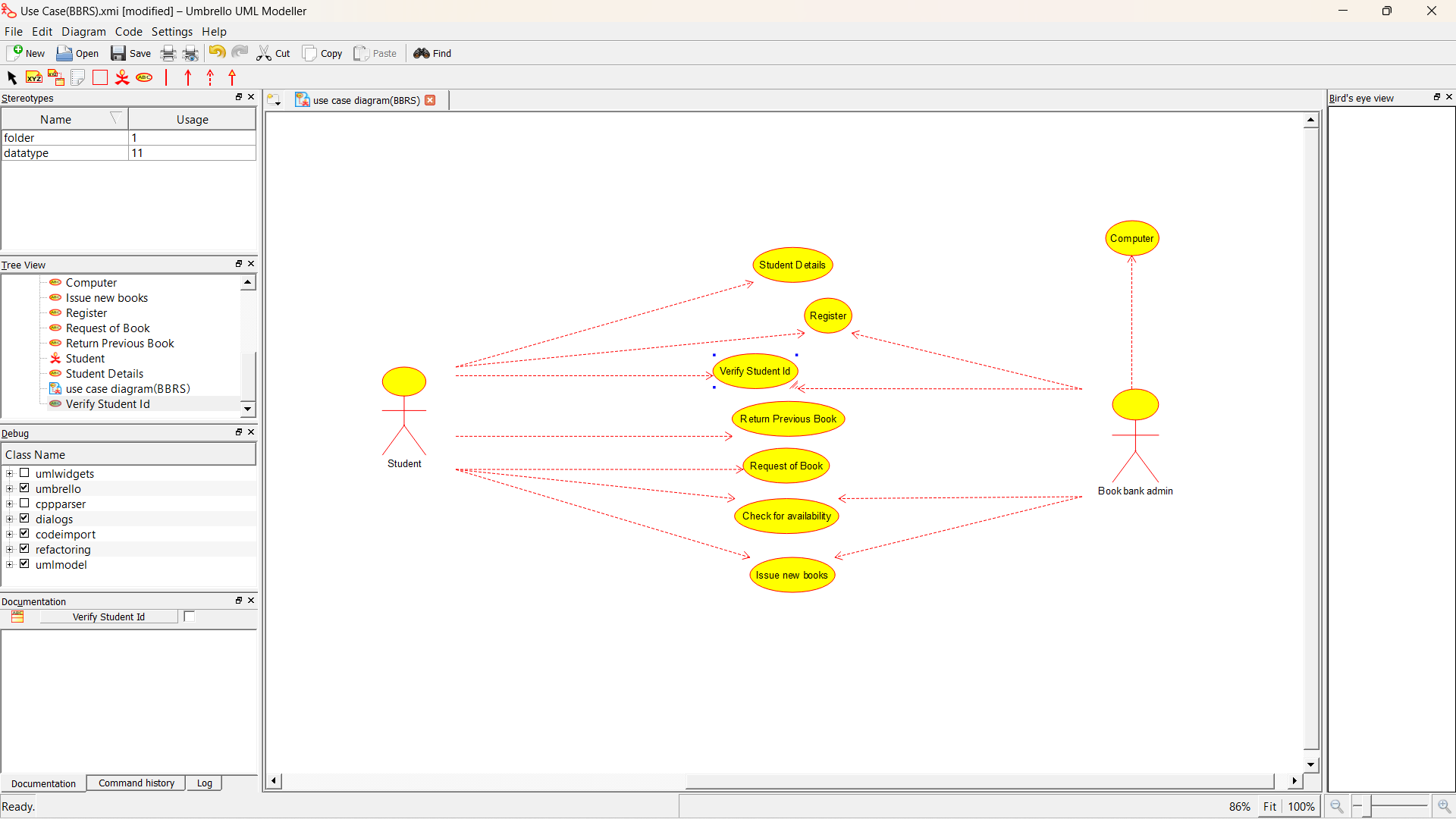
*{*

*}*

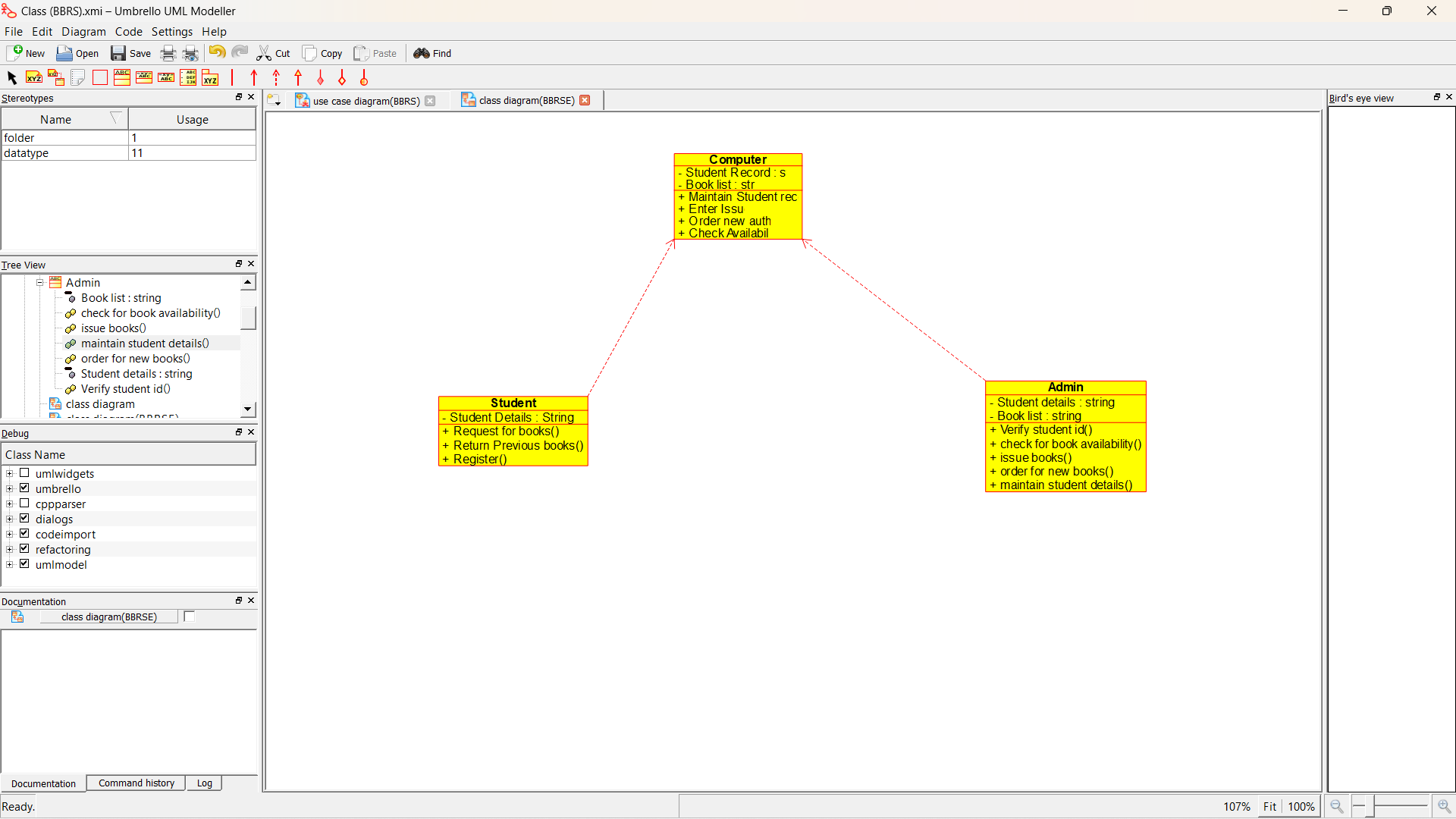
*}*

**2.BOOK BANK SYSTEM**

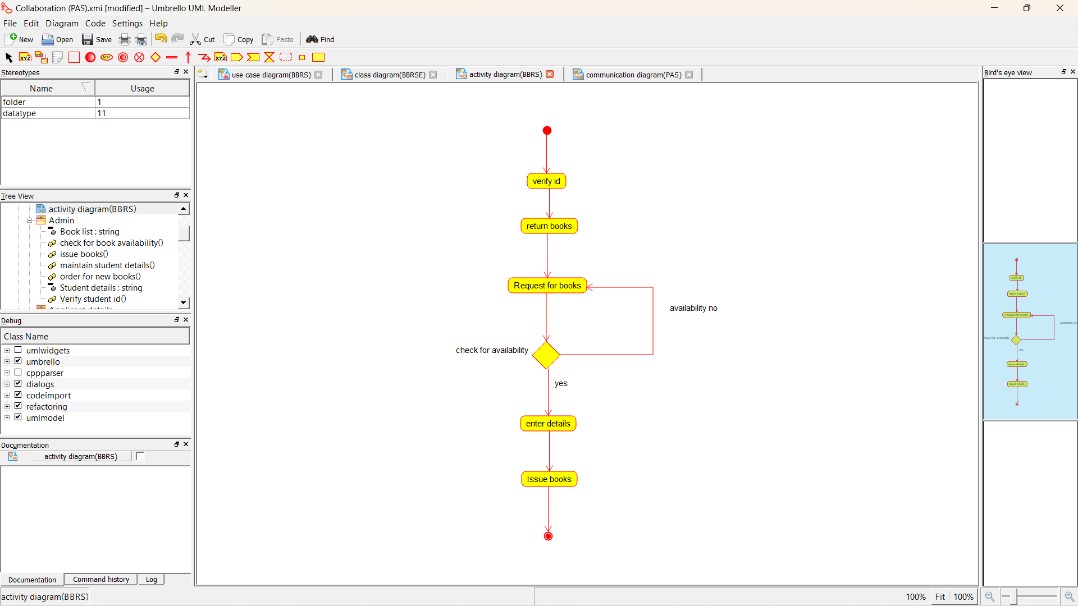
**USE CASE DIAGRAM:**



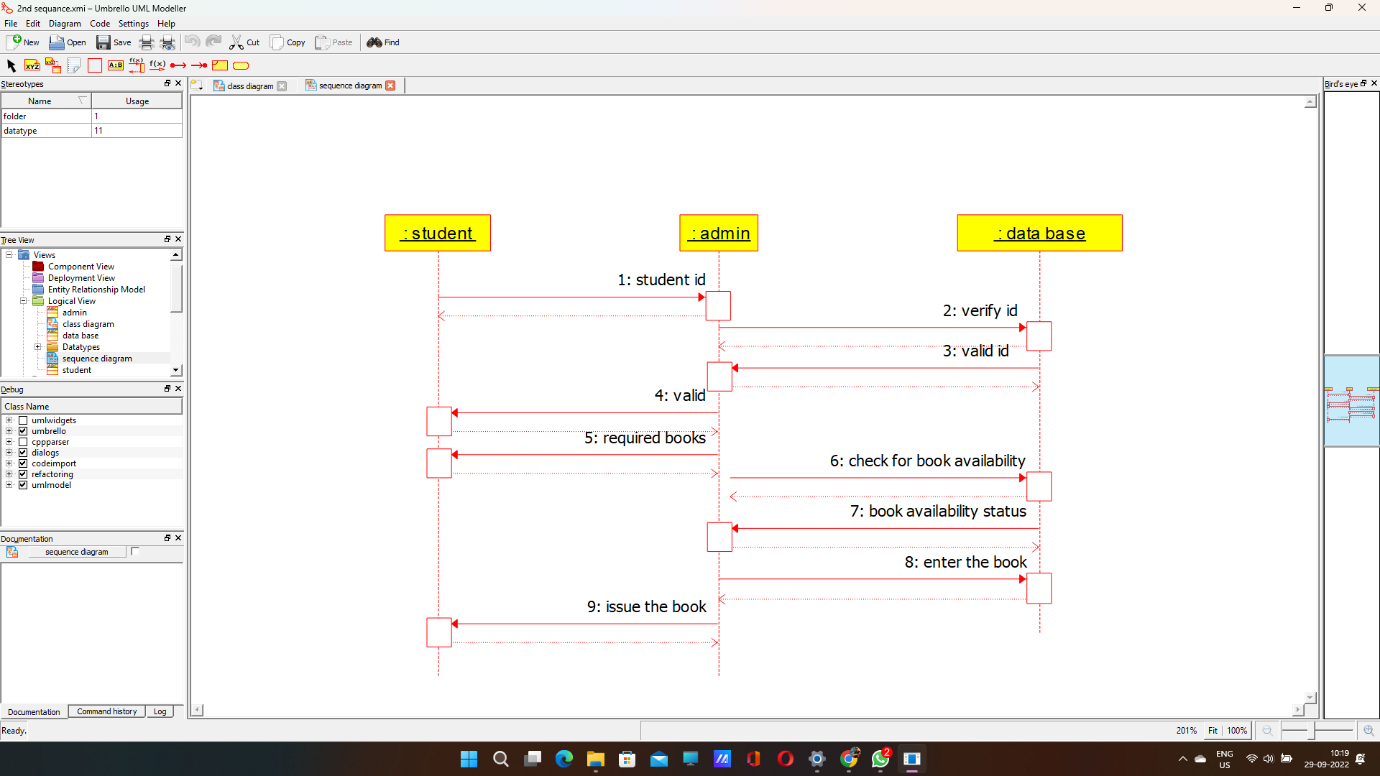
**CLASS DIAGRAM:**



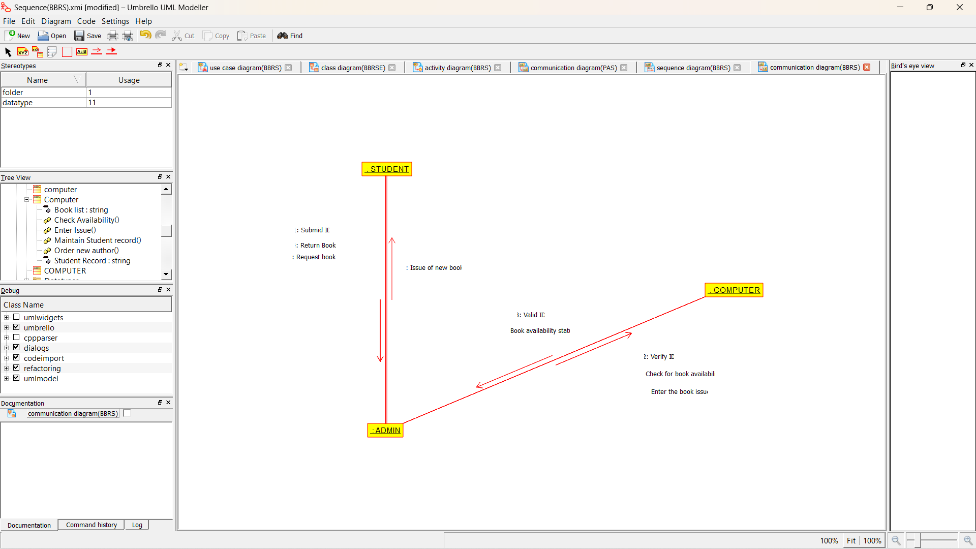
**ACTIVITY DIAGRAM:**



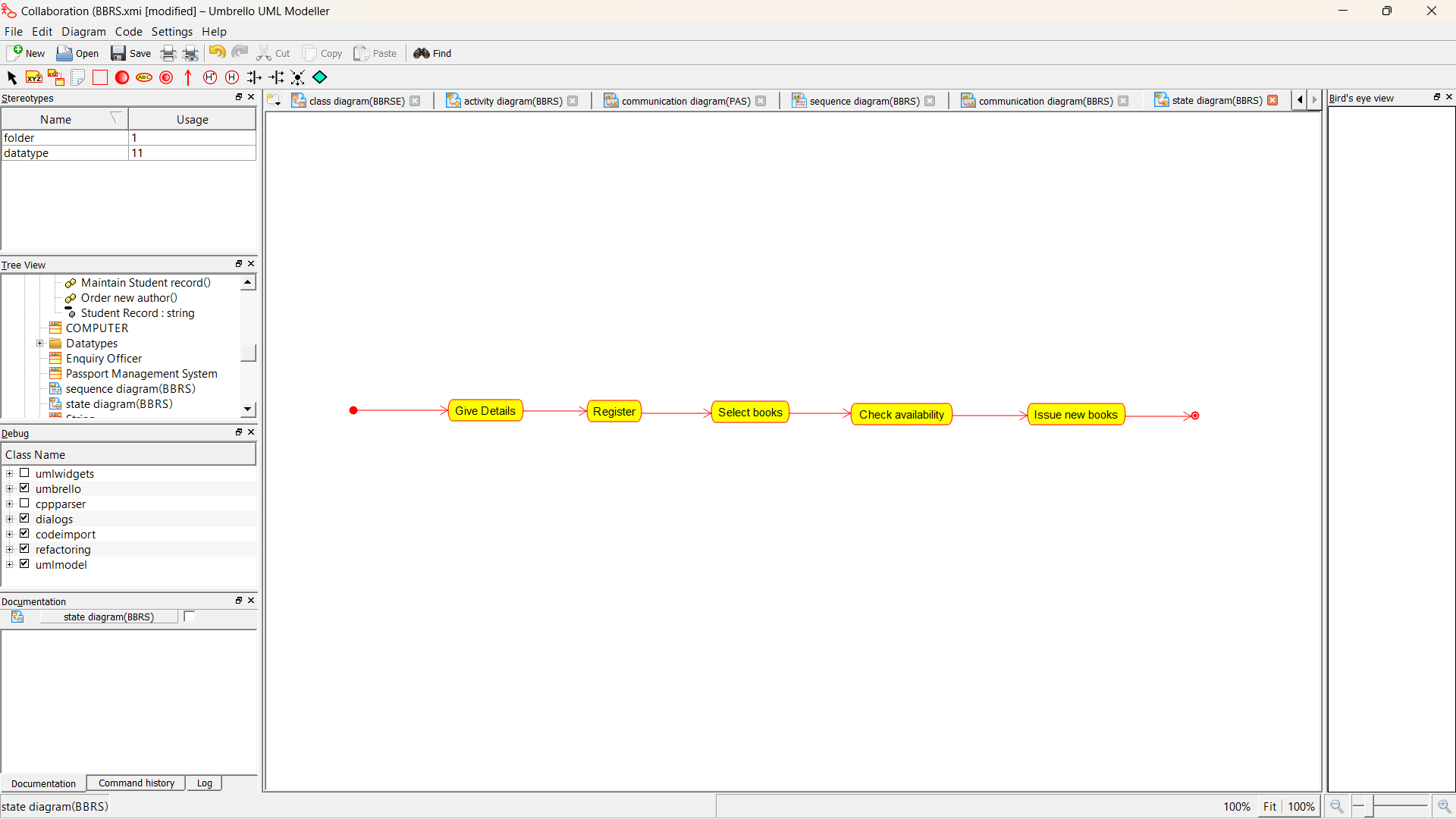
**SEQUENCE DIAGRAM:**



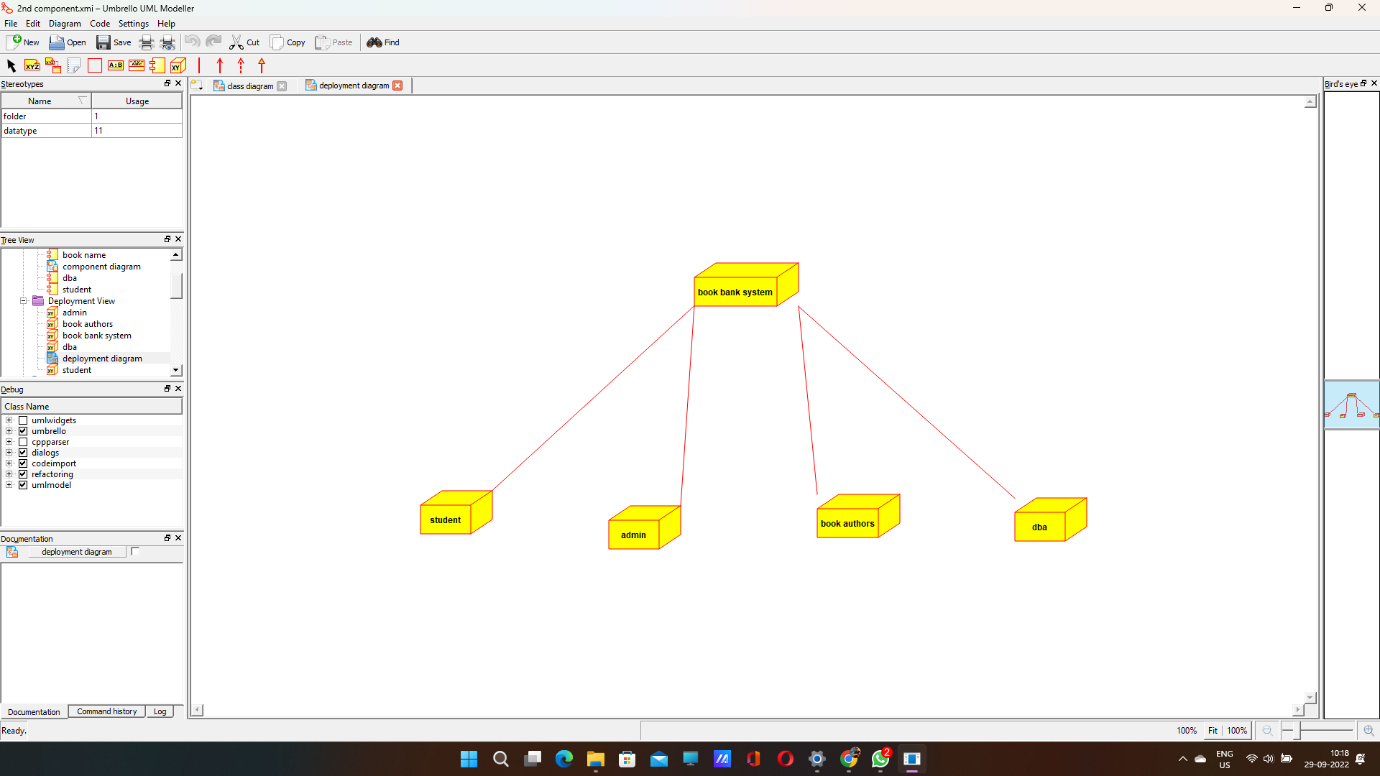
**COLLABORATION DIAGRAM:**



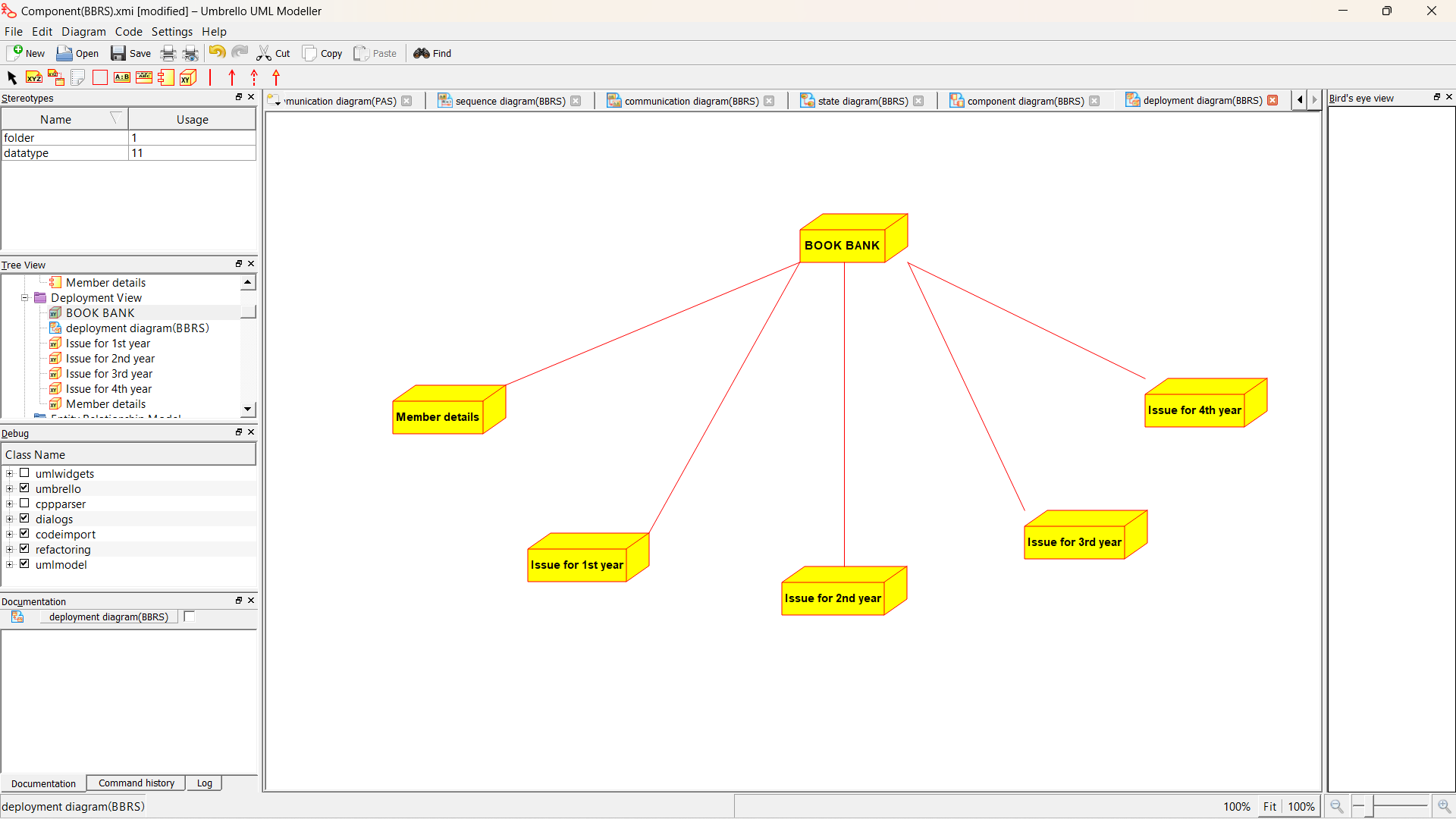
**STATE CHART DIAGRAM**



**COMPONENT DIAGRAM**



**DEPLOYMENT DIAGRAM**



*Program coding:*

**ADMIN:**

Public class admin

{

Public integer student details;

Public integer book list;

Public void verify stud id()

{

}

Public void check for availability()

{

}

Public void issue books()

{

}

Public void order for new author()

{

}

Public void maintains stud details()

{

}

}

**STUDENT:**

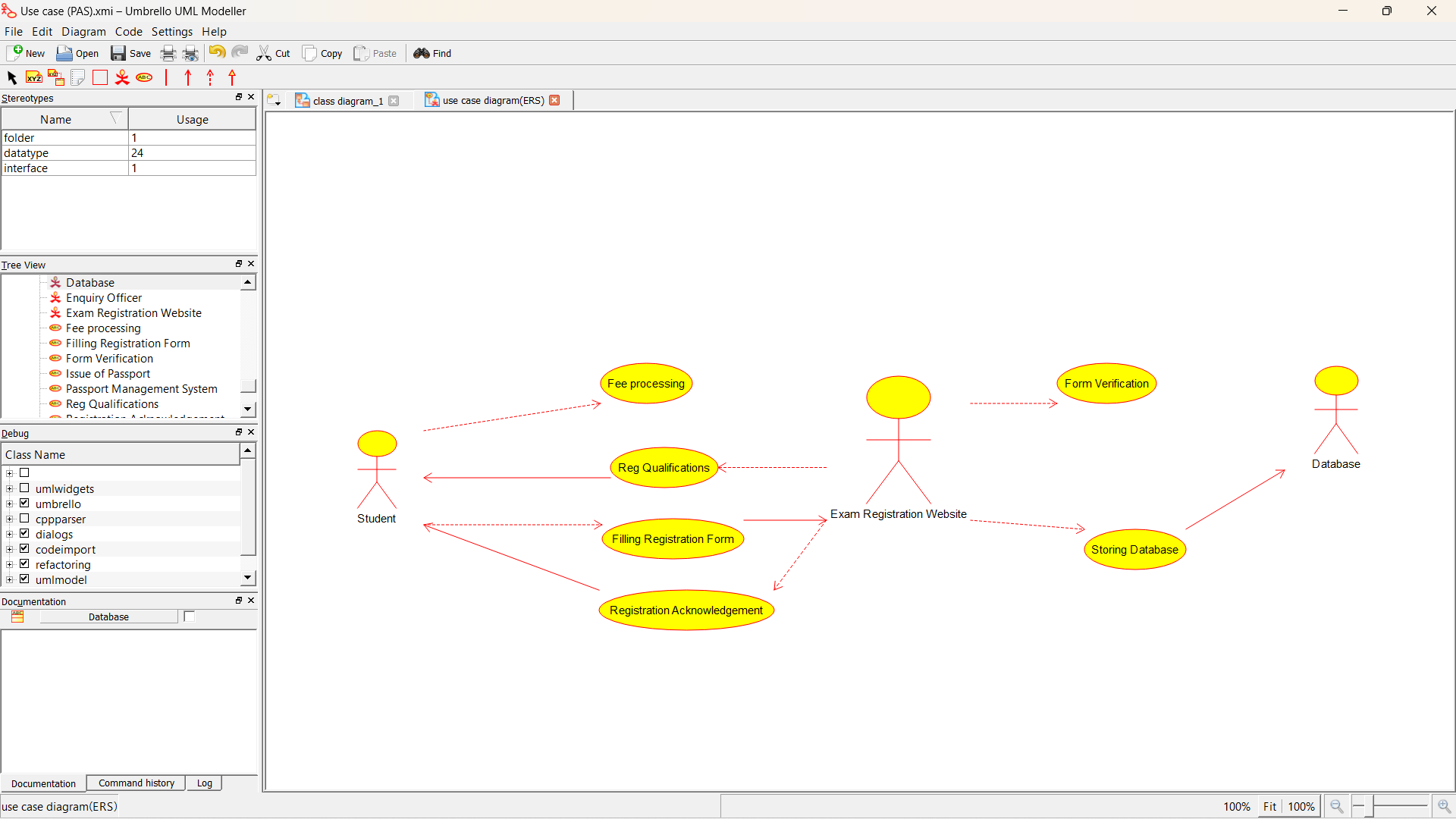
Public class stud

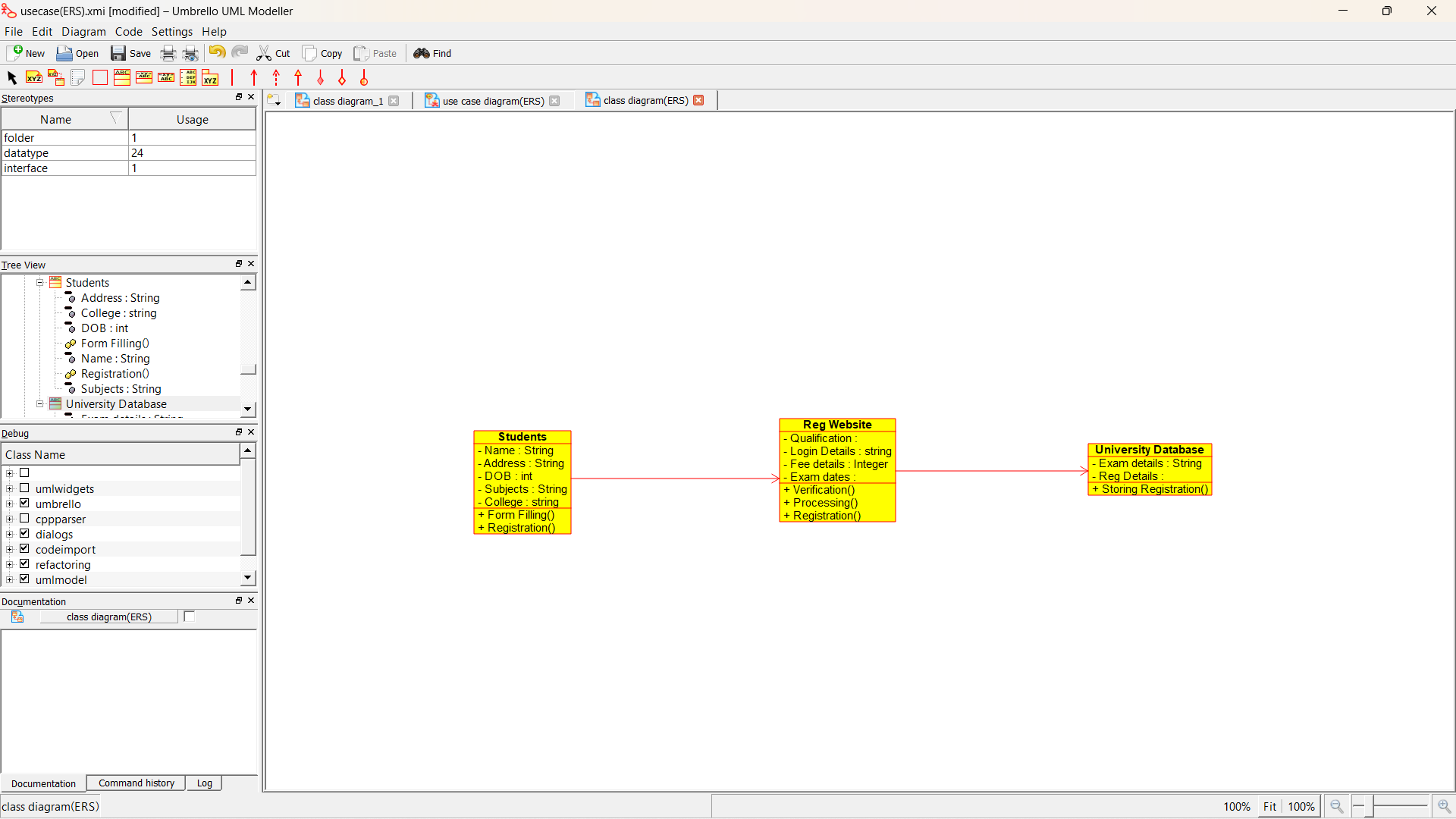
{

Public integer studdetails;

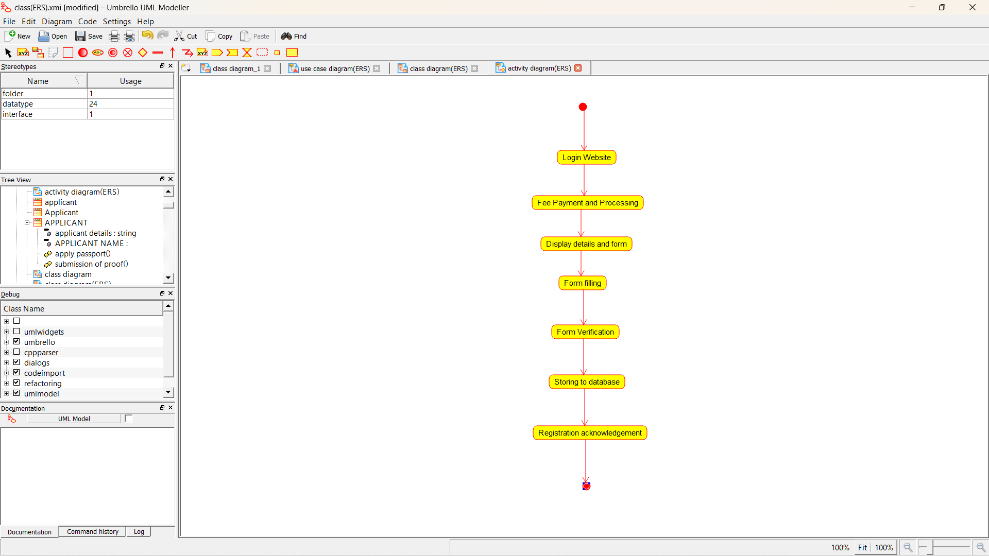
**3.EXAM REGISTRATION\**

**USE CASE DIAGRAM:**

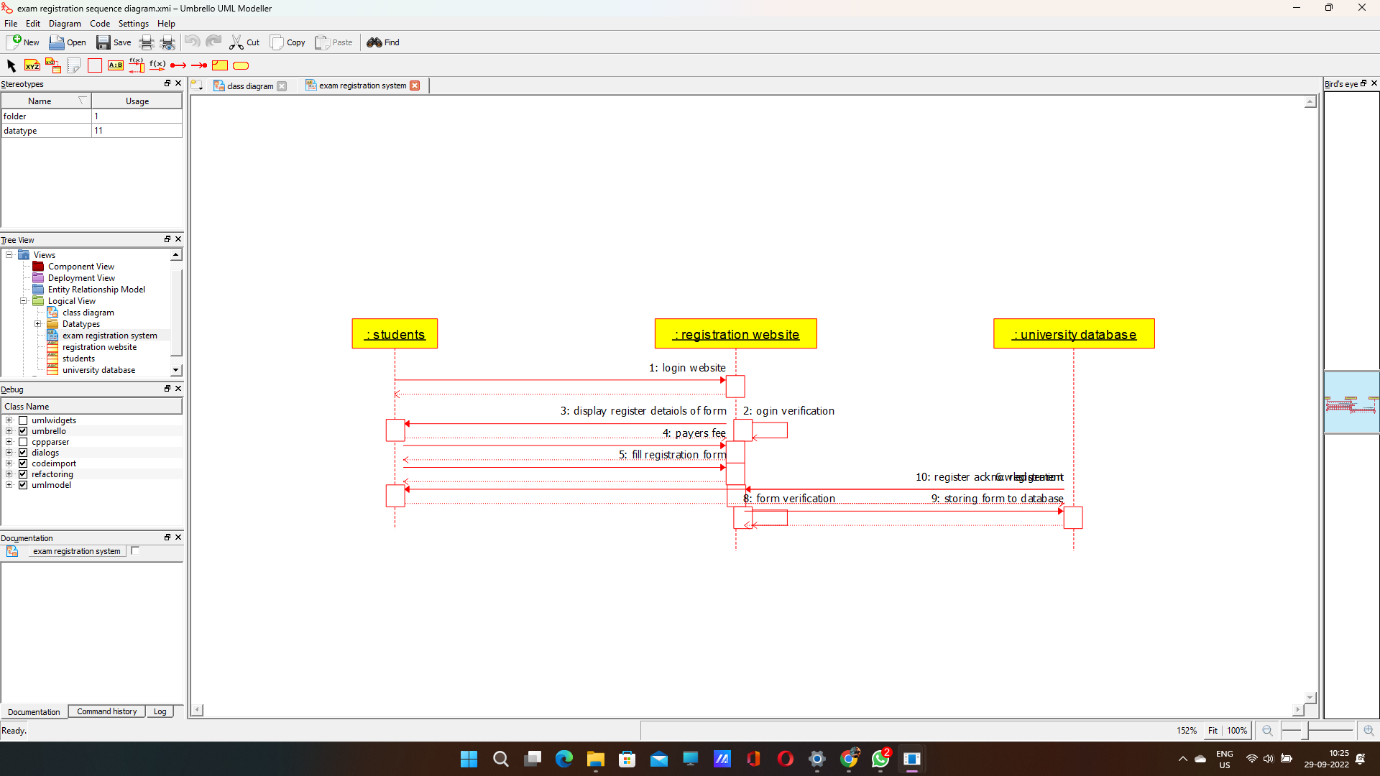


CLASS DIAGRAM: 

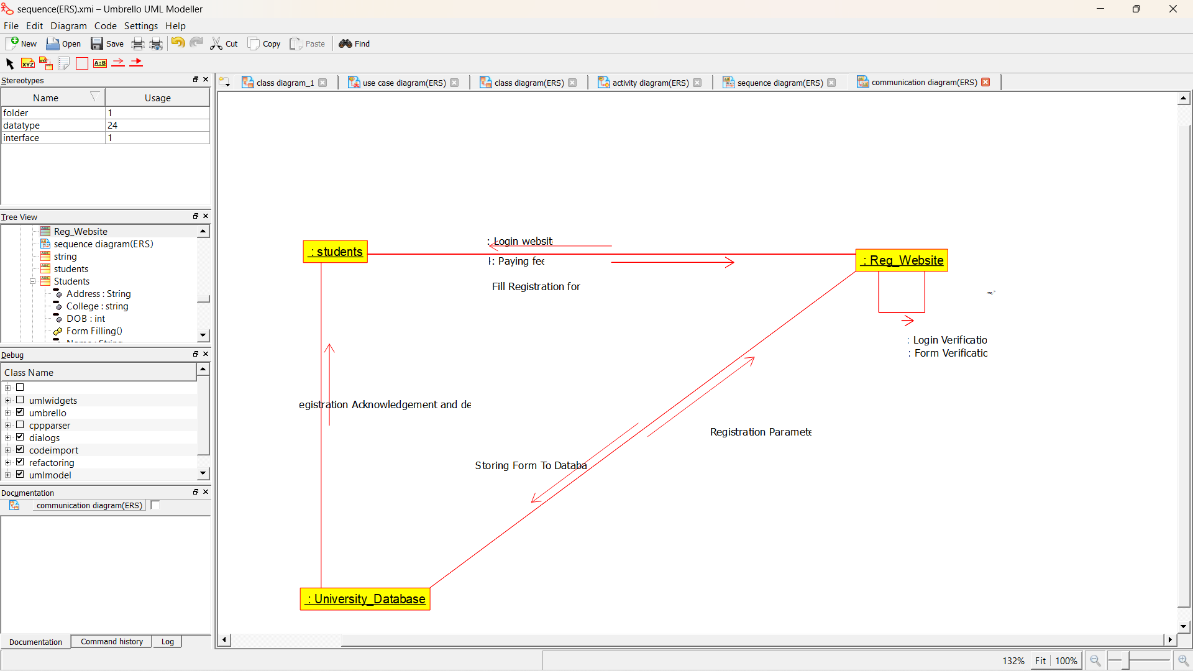
ACTIVITY DIAGRAM:



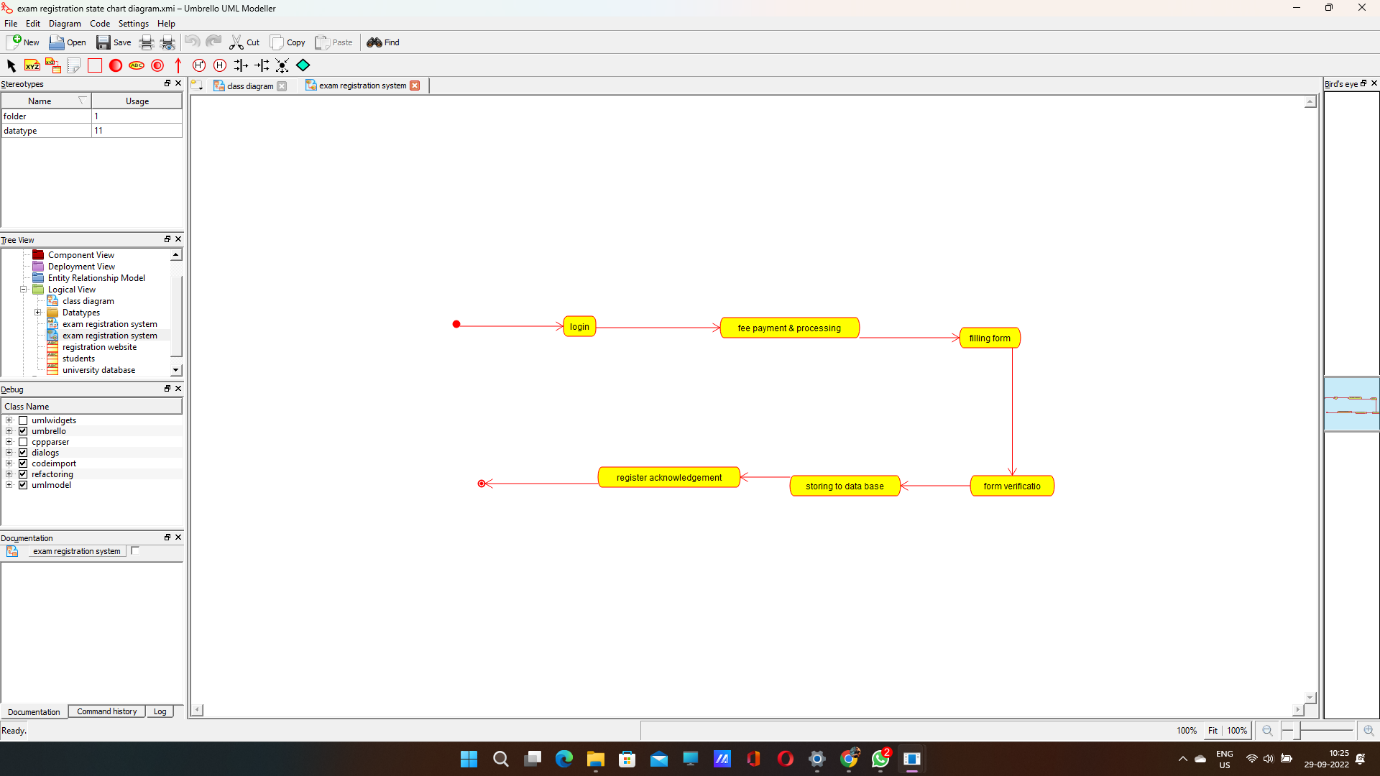
SEQUENCE DIAGRAM:



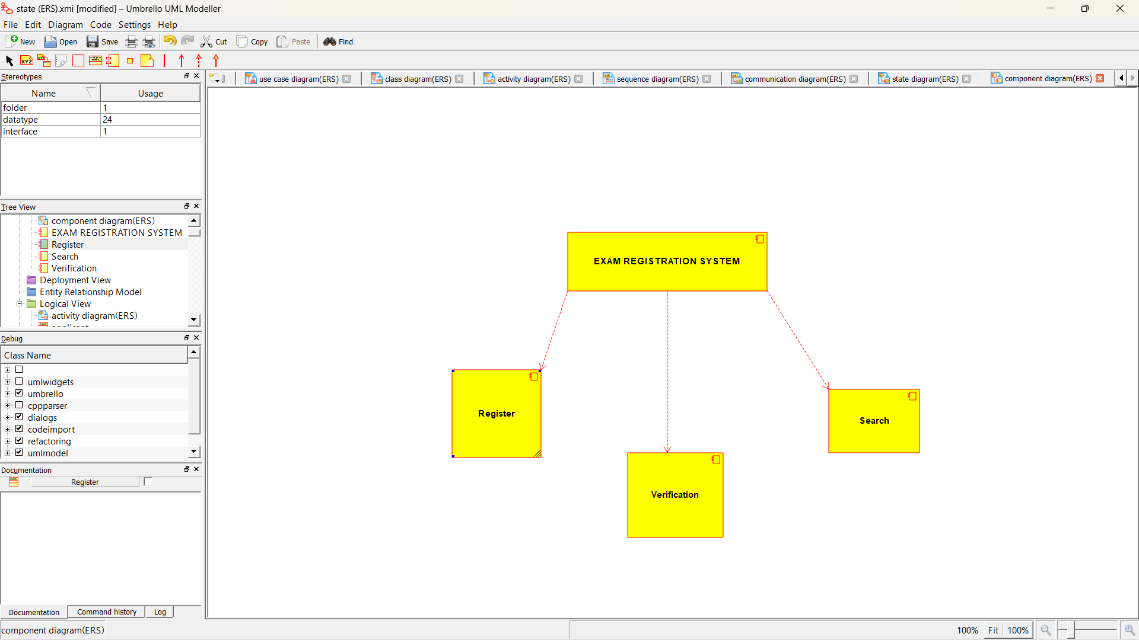
COLLABORATION DIAGRAM:

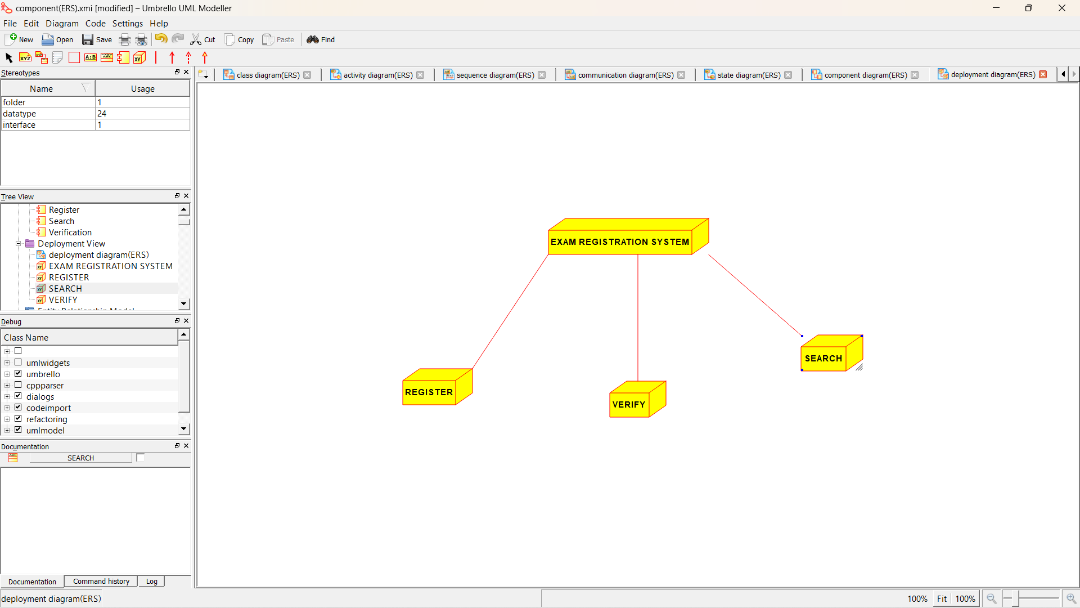


STATE DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM: 

*PROGRAM CODING:*

/\*\*

\* Class Students

\*/

public class Students {

//

// Fields

//

private String Name;

private String Address;

private int DOB;

private String Subjects;

private String College;

//

// Constructors

//

public Students () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Name

\* @param newVar the new value of Name

\*/

private void setName (String newVar) {

Name = newVar;

}

/\*\*

\* Get the value of Name

\* @return the value of Name

\*/

private String getName () {

return Name;

}

/\*\*

\* Set the value of Address

\* @param newVar the new value of Address

\*/

private void setAddress (String newVar) {

Address = newVar;

}

/\*\*

\* Get the value of Address

\* @return the value of Address

\*/

private String getAddress () {

return Address;

}

/\*\*

\* Set the value of DOB

\* @param newVar the new value of DOB

\*/

private void setDOB (int newVar) {

DOB = newVar;

}

/\*\*

\* Get the value of DOB

\* @return the value of DOB

\*/

private int getDOB () {

return DOB;

}

/\*\*

\* Set the value of Subjects

\* @param newVar the new value of Subjects

\*/

private void setSubjects (String newVar) {

Subjects = newVar;

}

/\*\*

\* Get the value of Subjects

\* @return the value of Subjects

\*/

private String getSubjects () {

return Subjects;

}

/\*\*

\* Set the value of College

\* @param newVar the new value of College

\*/

private void setCollege (String newVar) {

College = newVar;

}

/\*\*

\* Get the value of College

\* @return the value of College

\*/

private String getCollege () {

return College;

}

//

// Other methods

//

/\*\*

\*/

public void Form\_Filling()

{

}

/\*\*

\*/

public void Registration()

{

}

}

/\*\*

\* Class Reg\_Website

\*/

public class Reg\_Website {

//

// Fields

//

private void Qualification;

private String Login\_Details;

private Integer Fee\_details;

private void Exam\_dates;

//

// Constructors

//

public Reg\_Website () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Qualification

\* @param newVar the new value of Qualification

\*/

private void setQualification (void newVar) {

Qualification = newVar;

}

/\*\*

\* Get the value of Qualification

\* @return the value of Qualification

\*/

private void getQualification () {

return Qualification;

}

/\*\*

\* Set the value of Login\_Details

\* @param newVar the new value of Login\_Details

\*/

private void setLogin\_Details (String newVar) {

Login\_Details = newVar;

}

/\*\*

\* Get the value of Login\_Details

\* @return the value of Login\_Details

\*/

private String getLogin\_Details () {

return Login\_Details;

}

/\*\*

\* Set the value of Fee\_details

\* @param newVar the new value of Fee\_details

\*/

private void setFee\_details (Integer newVar) {

Fee\_details = newVar;

}

/\*\*

\* Get the value of Fee\_details

\* @return the value of Fee\_details

\*/

private Integer getFee\_details () {

return Fee\_details;

}

/\*\*

\* Set the value of Exam\_dates

\* @param newVar the new value of Exam\_dates

\*/

private void setExam\_dates (void newVar) {

Exam\_dates = newVar;

}

/\*\*

\* Get the value of Exam\_dates

\* @return the value of Exam\_dates

\*/

private void getExam\_dates () {

return Exam\_dates;

}

//

// Other methods

//

/\*\*

\*/

public void Verification()

{

}

/\*\*

\*/

public void Processing()

{

}

/\*\*

\*/

public void Registration()

{

}

}

/\*\*

\* Class University\_Database

\*/

public class University\_Database {

//

// Fields

//

private String Exam\_details;

private void Reg\_Details;

//

// Constructors

//

public University\_Database () { };

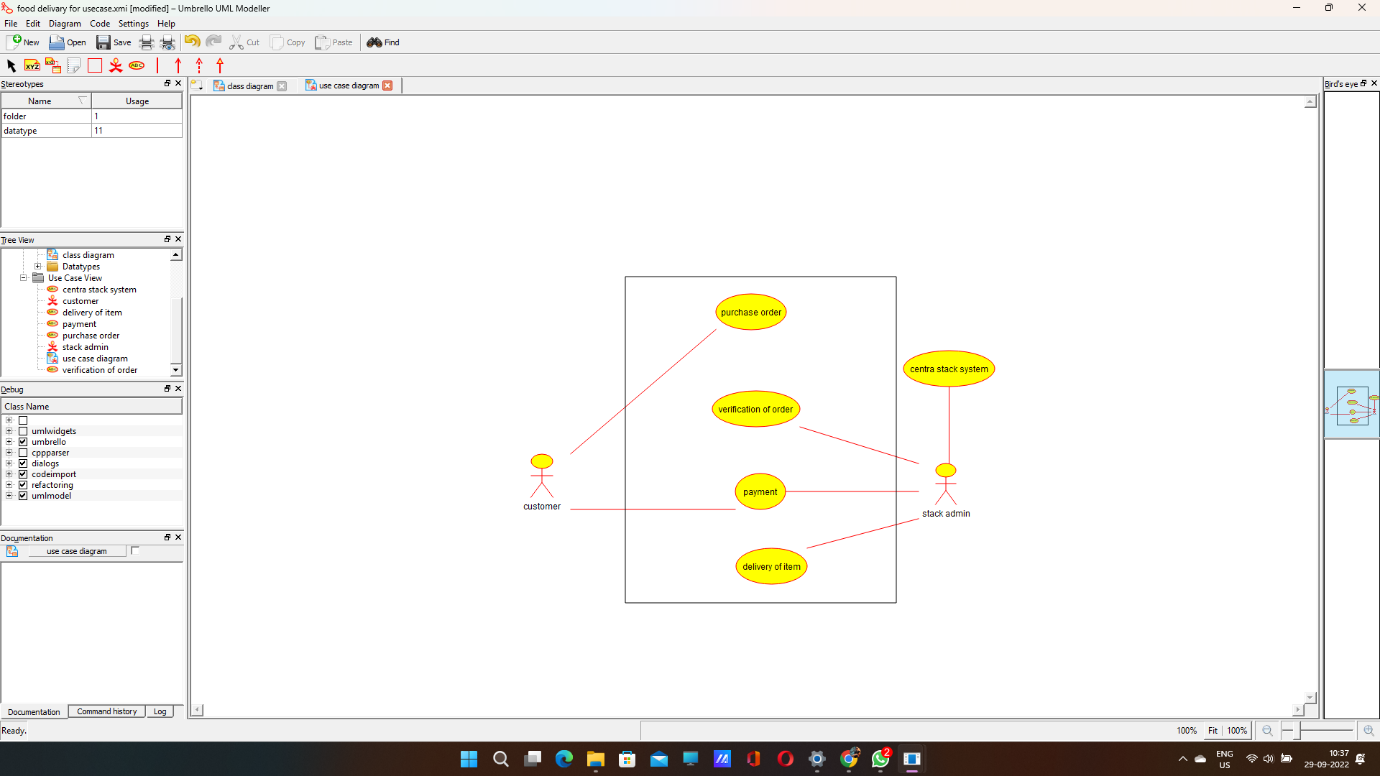
//

// Methods

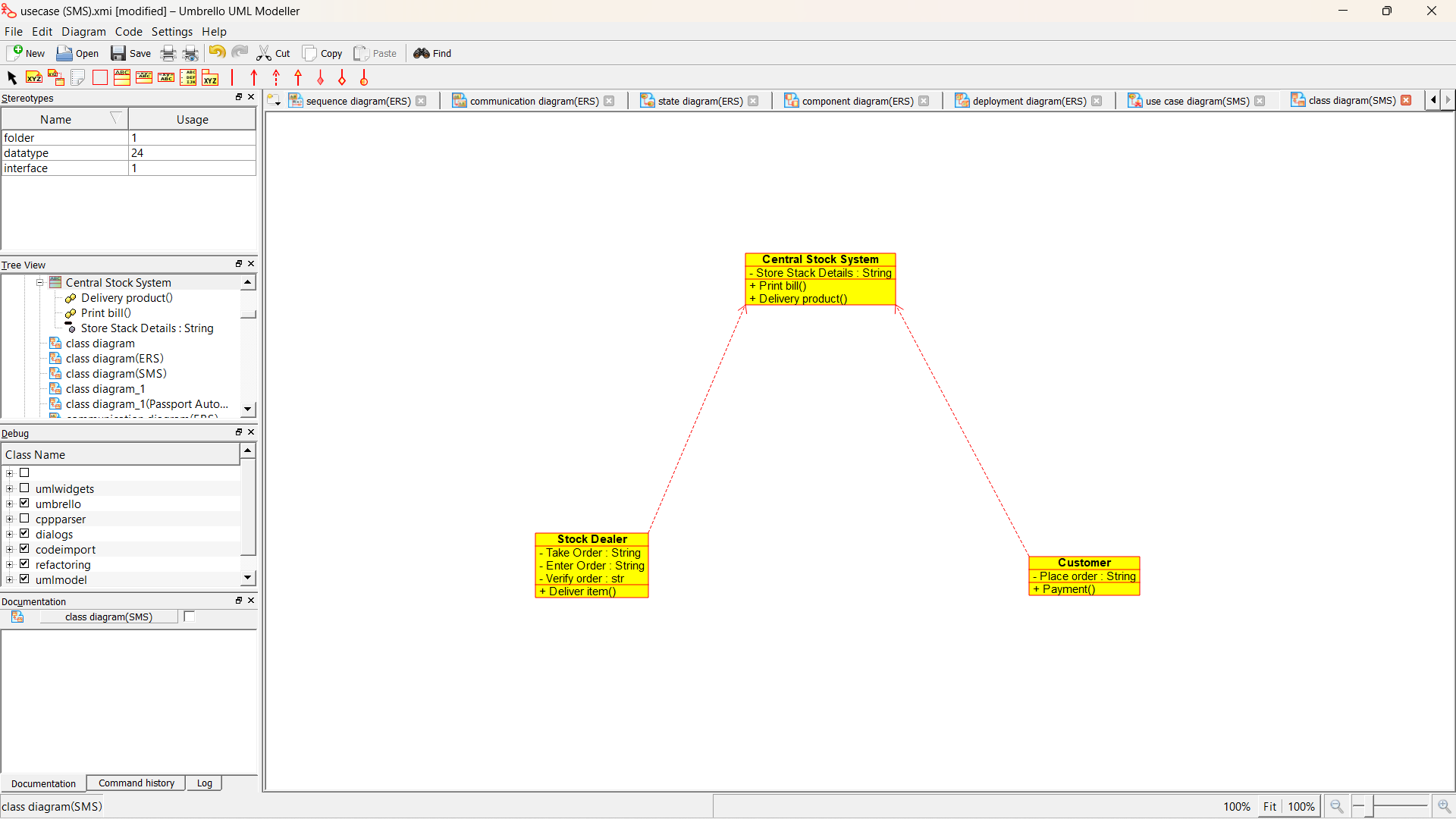
//

**4.STOCK MAINTAINANCE SYSTEM**

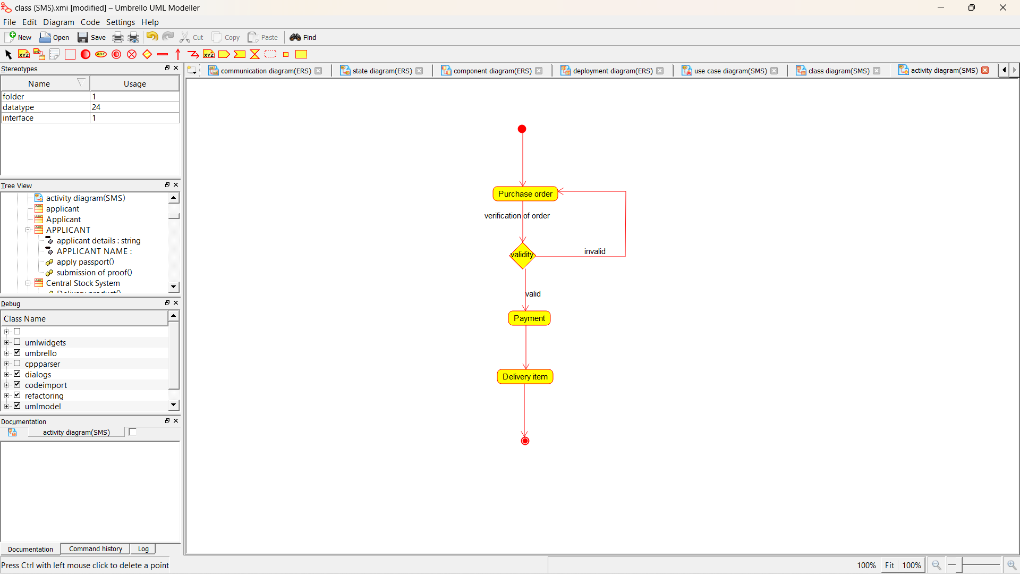
USECASE DIAGRAM:



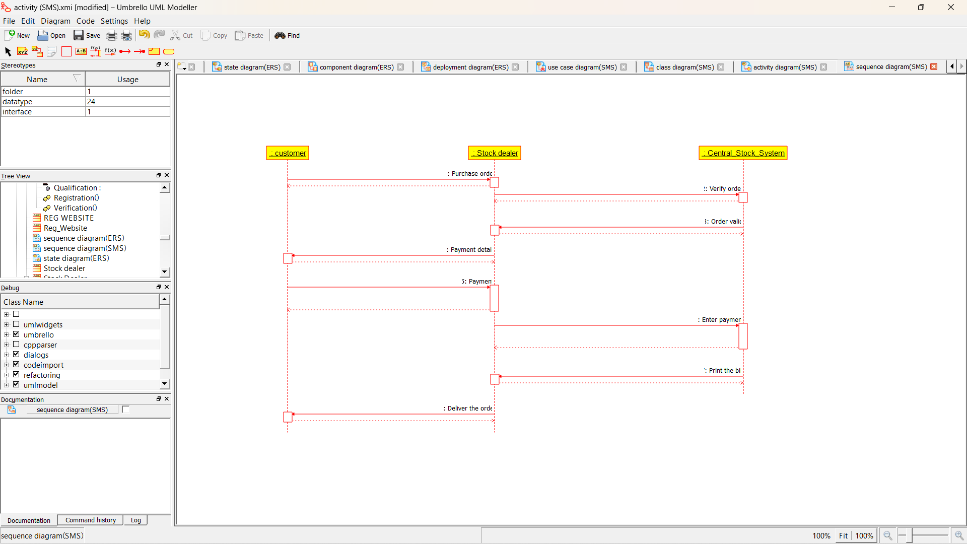
CLASS DIAGRAM:



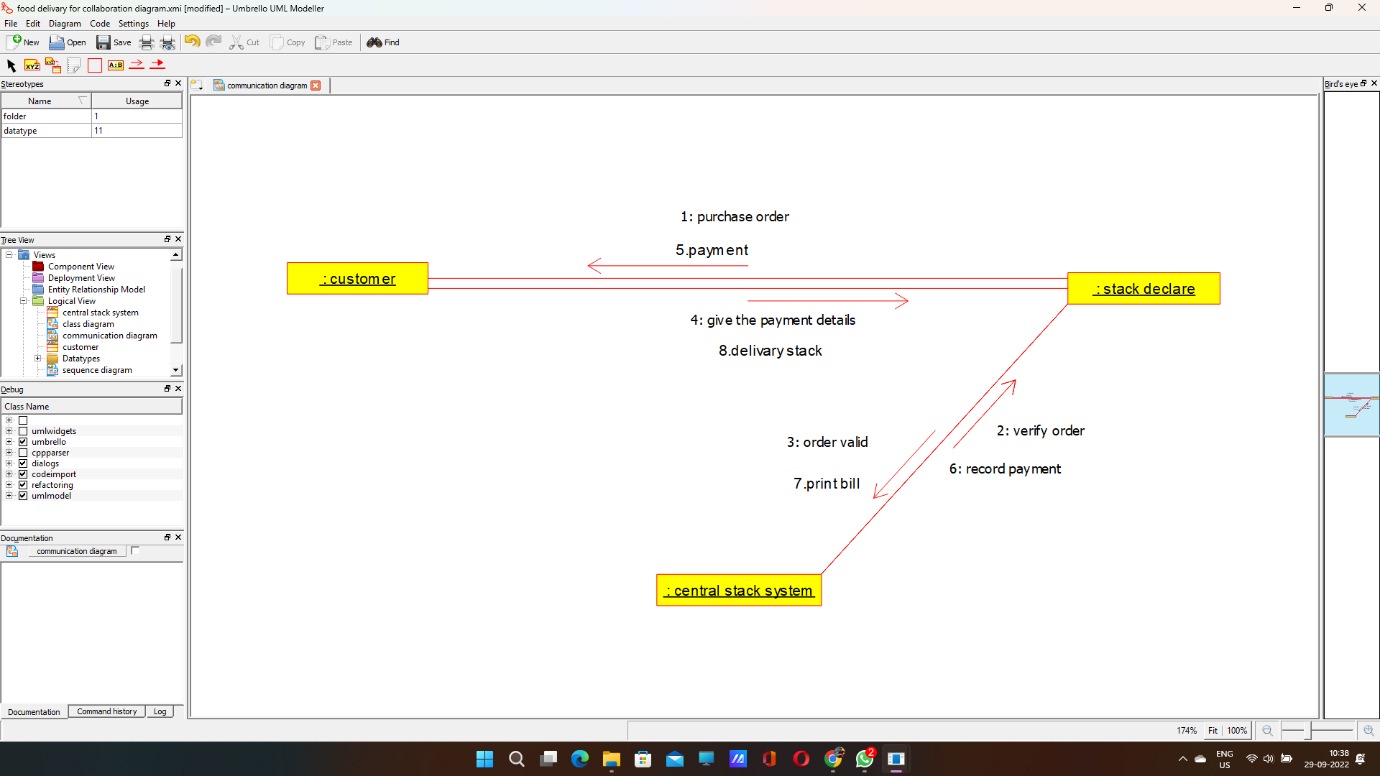
ACTIVITY DIAGRAM:



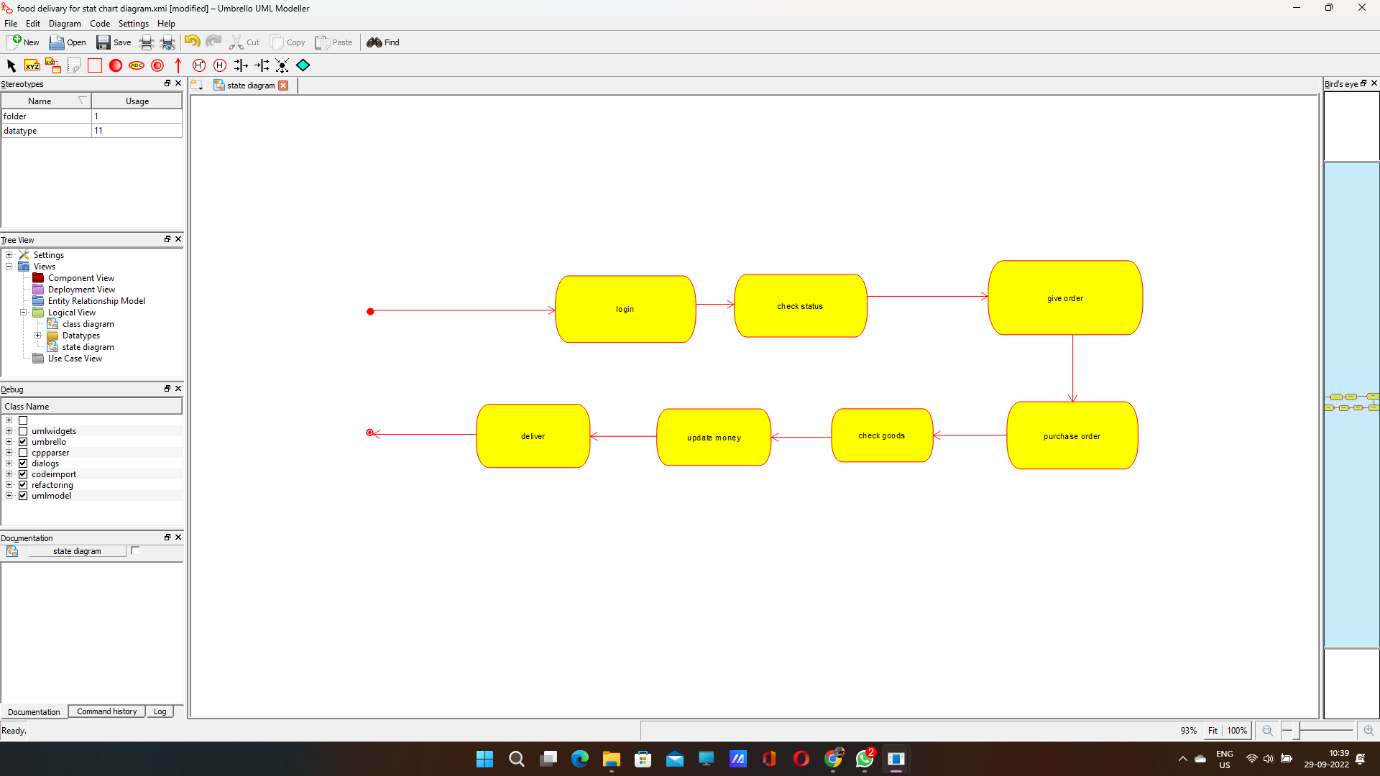
SEQUENCE DIAGRAM:



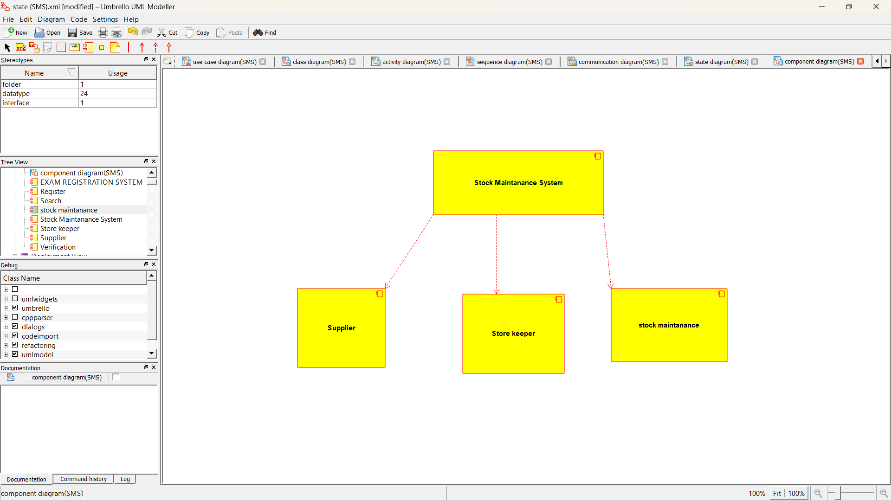
COLLABORATION DIAGRAM:



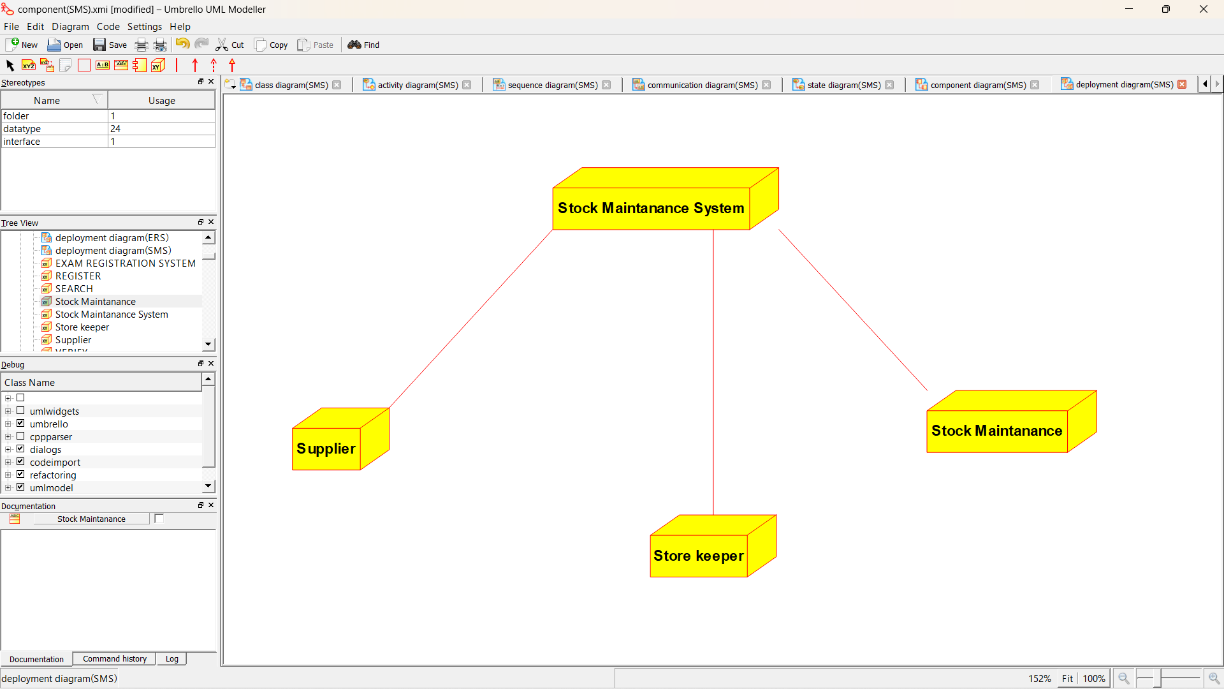
STATE DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



*PROGRAM CODING:*

/\*\*

\* Class Central\_Stock\_System

\*/

public class Central\_Stock\_System {

//

// Fields

//

private String Store\_Stack\_Details;

//

// Constructors

//

public Central\_Stock\_System () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Store\_Stack\_Details

\* @param newVar the new value of Store\_Stack\_Details

\*/

private void setStore\_Stack\_Details (String newVar) {

Store\_Stack\_Details = newVar;

}

/\*\*

\* Get the value of Store\_Stack\_Details

\* @return the value of Store\_Stack\_Details

\*/

private String getStore\_Stack\_Details () {

return Store\_Stack\_Details;

}

//

// Other methods

//

/\*\*

\*/

public void Print\_bill()

{

}

/\*\*

\*/

public void Delivery\_product()

{

}

}

/\*\*

\* Class Stock\_Dealer

\*/

public class Stock\_Dealer {

//

// Fields

//

private String Take\_Order;

private String Enter\_Order;

private str Verify\_order;

//

// Constructors

//

public Stock\_Dealer () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Take\_Order

\* @param newVar the new value of Take\_Order

\*/

private void setTake\_Order (String newVar) {

Take\_Order = newVar;

}

/\*\*

\* Get the value of Take\_Order

\* @return the value of Take\_Order

\*/

private String getTake\_Order () {

return Take\_Order;

}

/\*\*

\* Set the value of Enter\_Order

\* @param newVar the new value of Enter\_Order

\*/

private void setEnter\_Order (String newVar) {

Enter\_Order = newVar;

}

/\*\*

\* Get the value of Enter\_Order

\* @return the value of Enter\_Order

\*/

private String getEnter\_Order () {

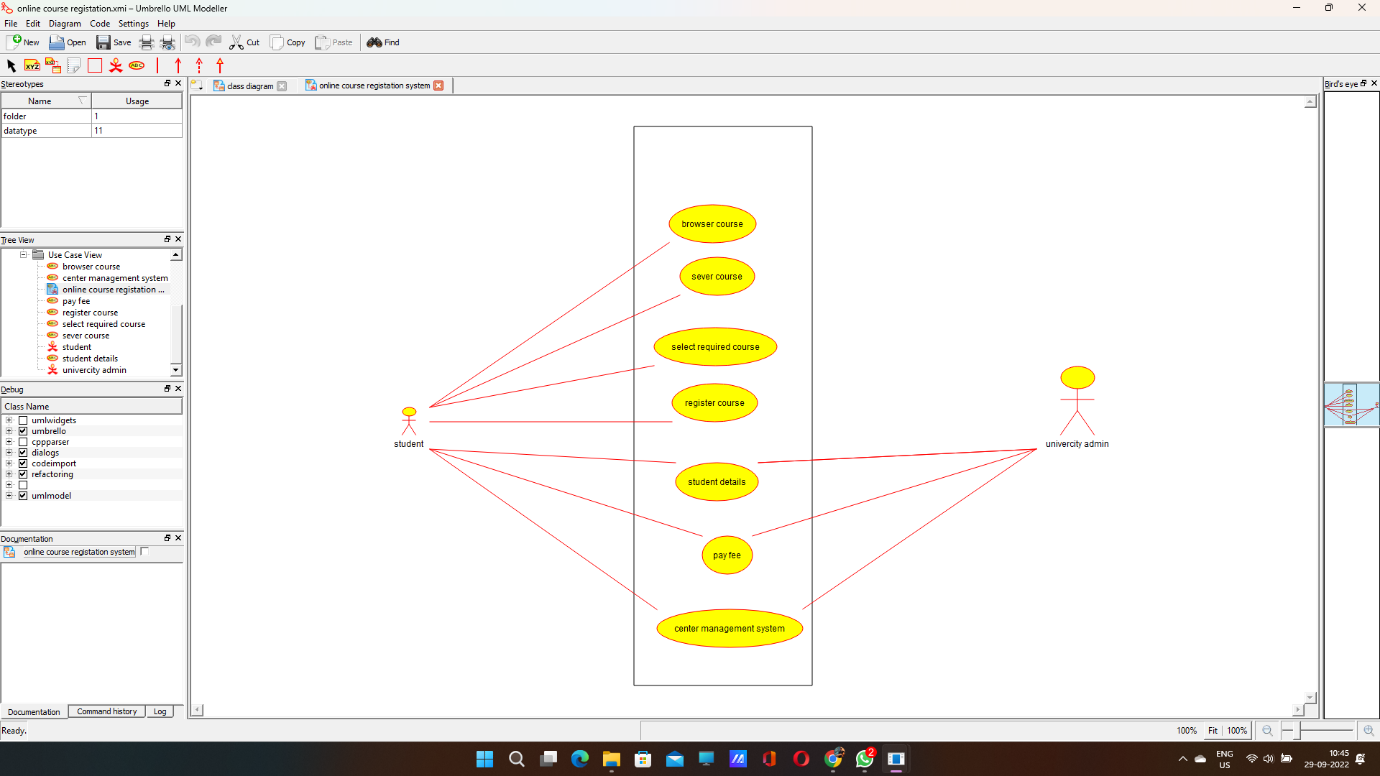
return Enter\_Order;

}

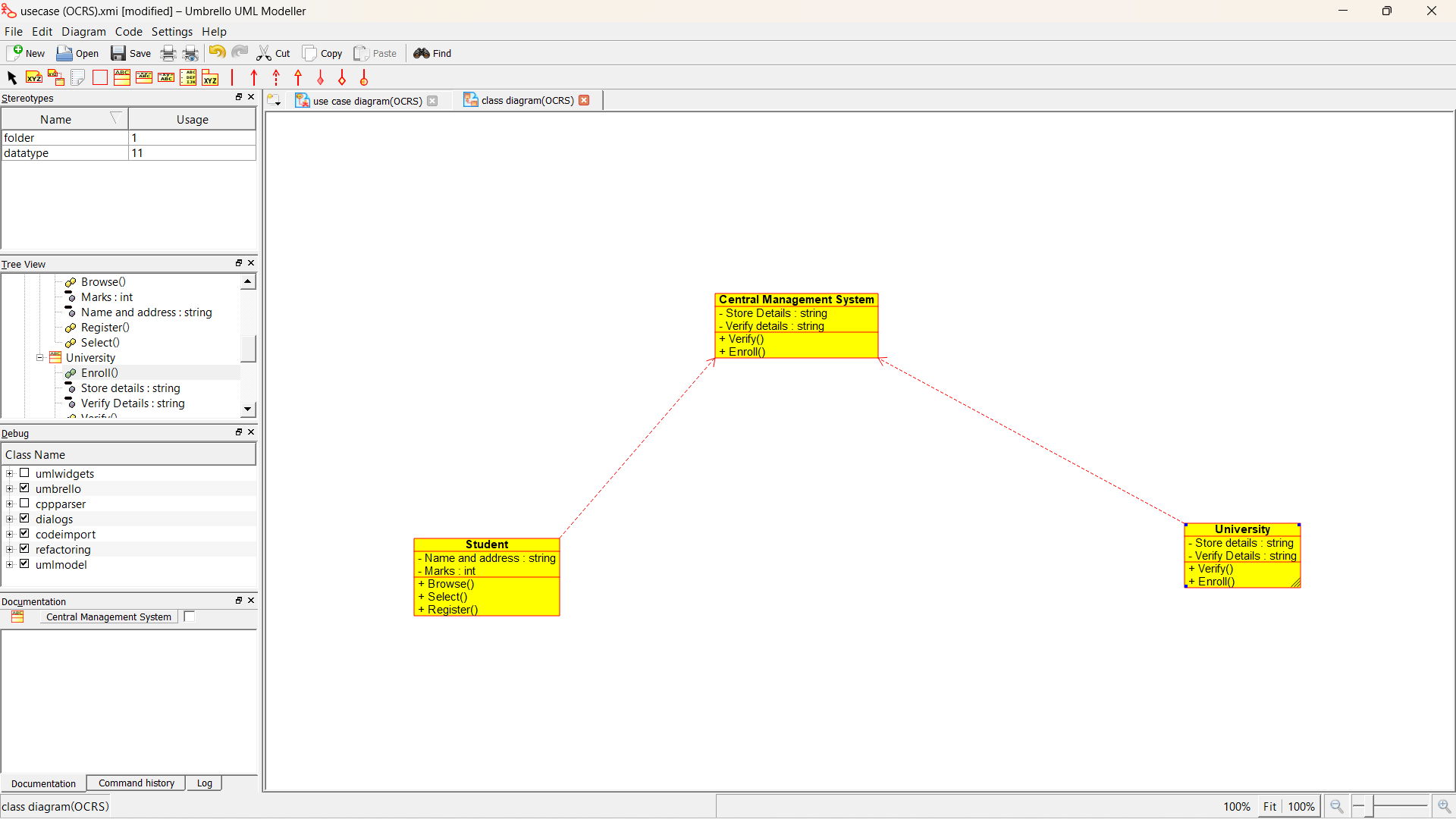
/\*\*

**5.ONLINE COURSE REGISTRATION**

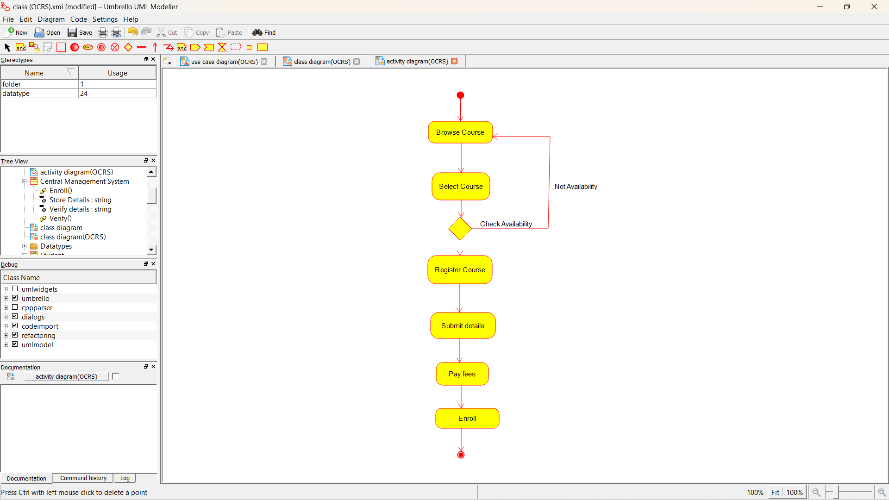
USECASE DIAGRAM:



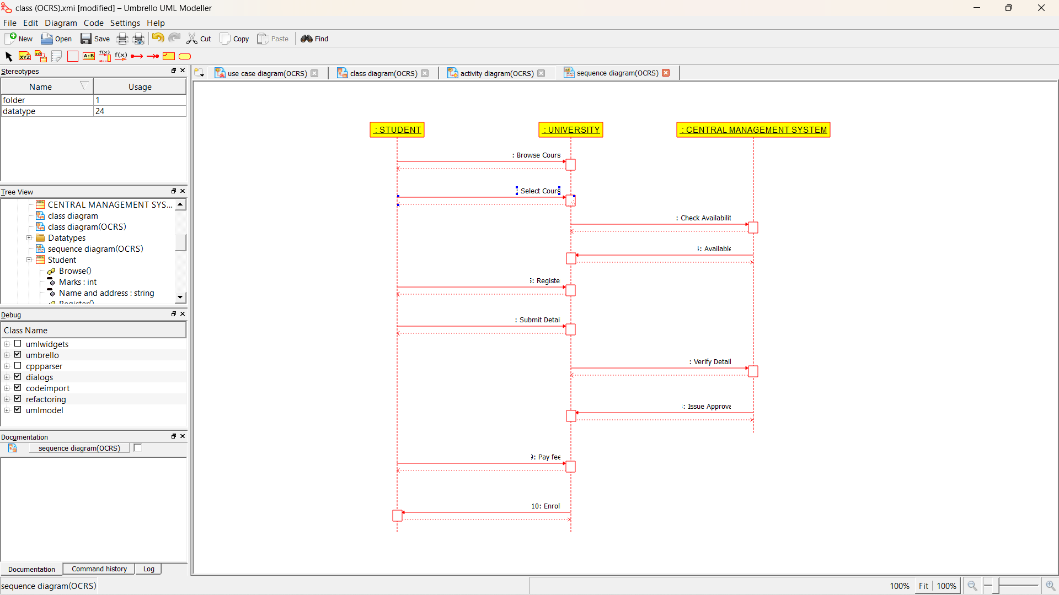
CLASS DIAGRAM:



ACTIVITY DIAGRAM:



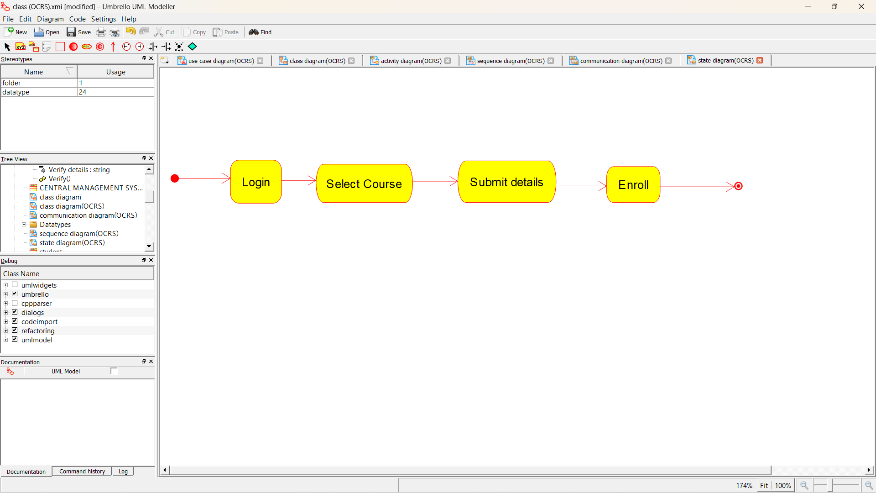
SEQUENCE DIAGRAM:



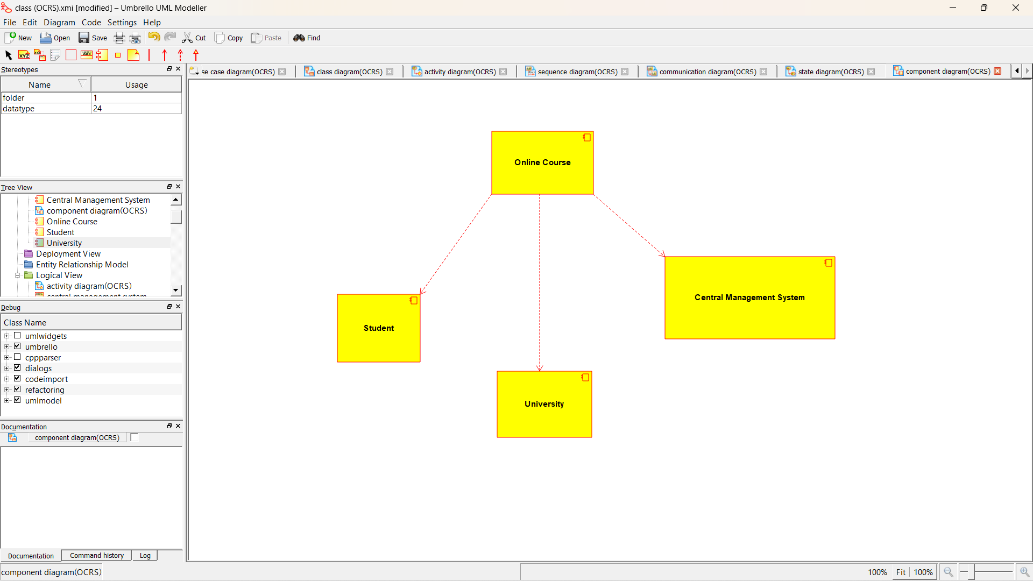
COLLABORATION DIAGRAM:



STATE DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



*PROGRAM CODING:*

/\*\*

\* Class Central\_Management\_System

\*/

public class Central\_Management\_System {

//

// Fields

//

private String Store\_Details;

private String Verify\_details;

//

// Constructors

//

public Central\_Management\_System () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Store\_Details

\* @param newVar the new value of Store\_Details

\*/

private void setStore\_Details (String newVar) {

Store\_Details = newVar;

}

/\*\*

\* Get the value of Store\_Details

\* @return the value of Store\_Details

\*/

private String getStore\_Details () {

return Store\_Details;

}

/\*\*

\* Set the value of Verify\_details

\* @param newVar the new value of Verify\_details

\*/

private void setVerify\_details (String newVar) {

Verify\_details = newVar;

}

/\*\*

\* Get the value of Verify\_details

\* @return the value of Verify\_details

\*/

private String getVerify\_details () {

return Verify\_details;

}

//

// Other methods

//

/\*\*

\*/

public void Verify()

{

}

/\*\*

\*/

public void Enroll()

{

}

}

/\*\*

\* Class Student

\*/

public class Student {

//

// Fields

//

private String Name\_and\_address;

private int Marks;

//

// Constructors

//

public Student () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Name\_and\_address

\* @param newVar the new value of Name\_and\_address

\*/

private void setName\_and\_address (String newVar) {

Name\_and\_address = newVar;

}

/\*\*

\* Get the value of Name\_and\_address

\* @return the value of Name\_and\_address

\*/

private String getName\_and\_address () {

return Name\_and\_address;

}

/\*\*

\* Set the value of Marks

\* @param newVar the new value of Marks

\*/

private void setMarks (int newVar) {

Marks = newVar;

}

/\*\*

\* Get the value of Marks

\* @return the value of Marks

\*/

private int getMarks () {

return Marks;

}

//

// Other methods

//

/\*\*

\*/

public void Browse()

{

}

/\*\*

\*/

public void Select()

{

}

/\*\*

\*/

public void Register()

{

}

}

/\*\*

\* Class University

\*/

public class University {

//

// Fields

//

private String Store\_details;

private String Verify\_Details;

//

// Constructors

//

public University () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Store\_details

\* @param newVar the new value of Store\_details

\*/

private void setStore\_details (String newVar) {

Store\_details = newVar;

}

/\*\*

\* Get the value of Store\_details

\* @return the value of Store\_details

\*/

private String getStore\_details () {

return Store\_details;

}

/\*\*

\* Set the value of Verify\_Details

\* @param newVar the new value of Verify\_Details

\*/

private void setVerify\_Details (String newVar) {

Verify\_Details = newVar;

}

/\*\*

\* Get the value of Verify\_Details

\* @return the value of Verify\_Details

\*/

private String getVerify\_Details () {

return Verify\_Details;

}

//

// Other methods

//

/\*\*

\*/

public void Verify()

{

}

/\*\*

\*/

public void Enroll()

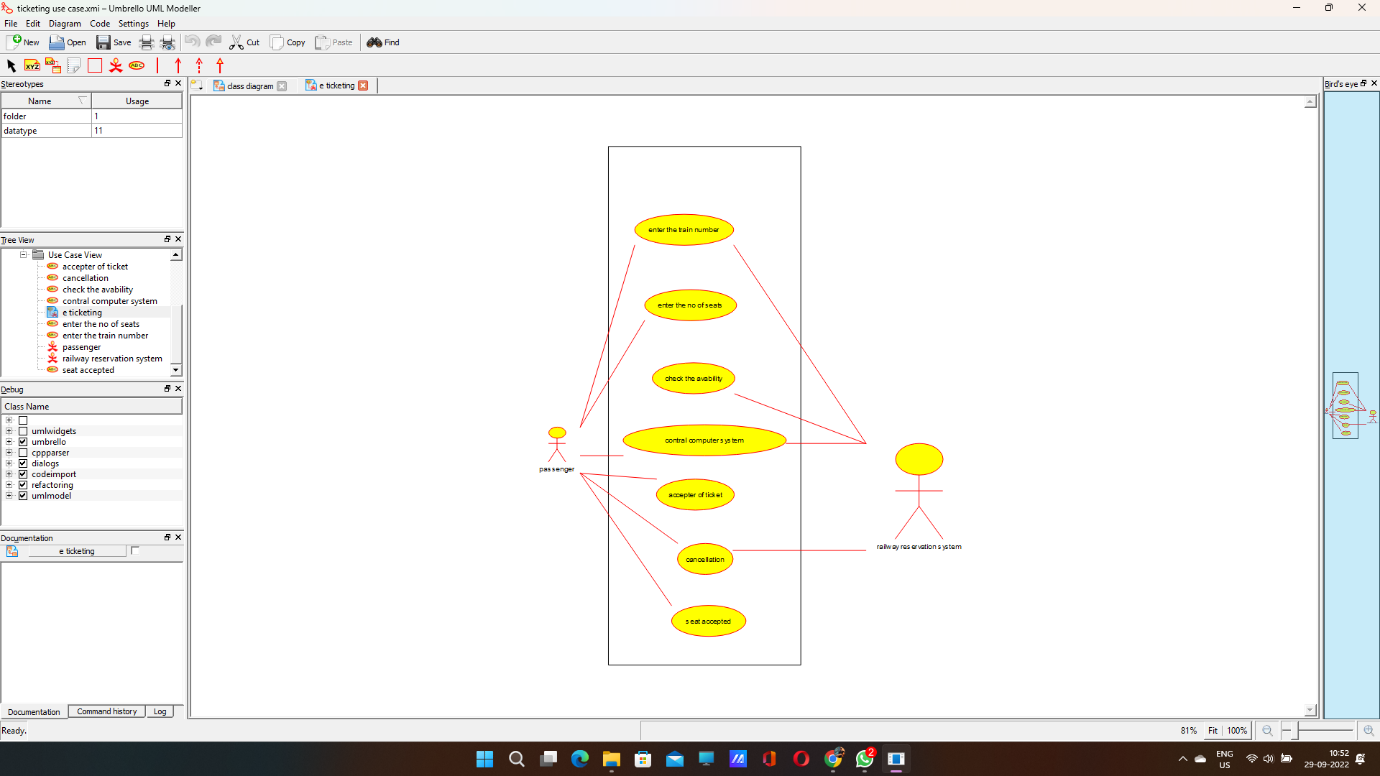
{

}

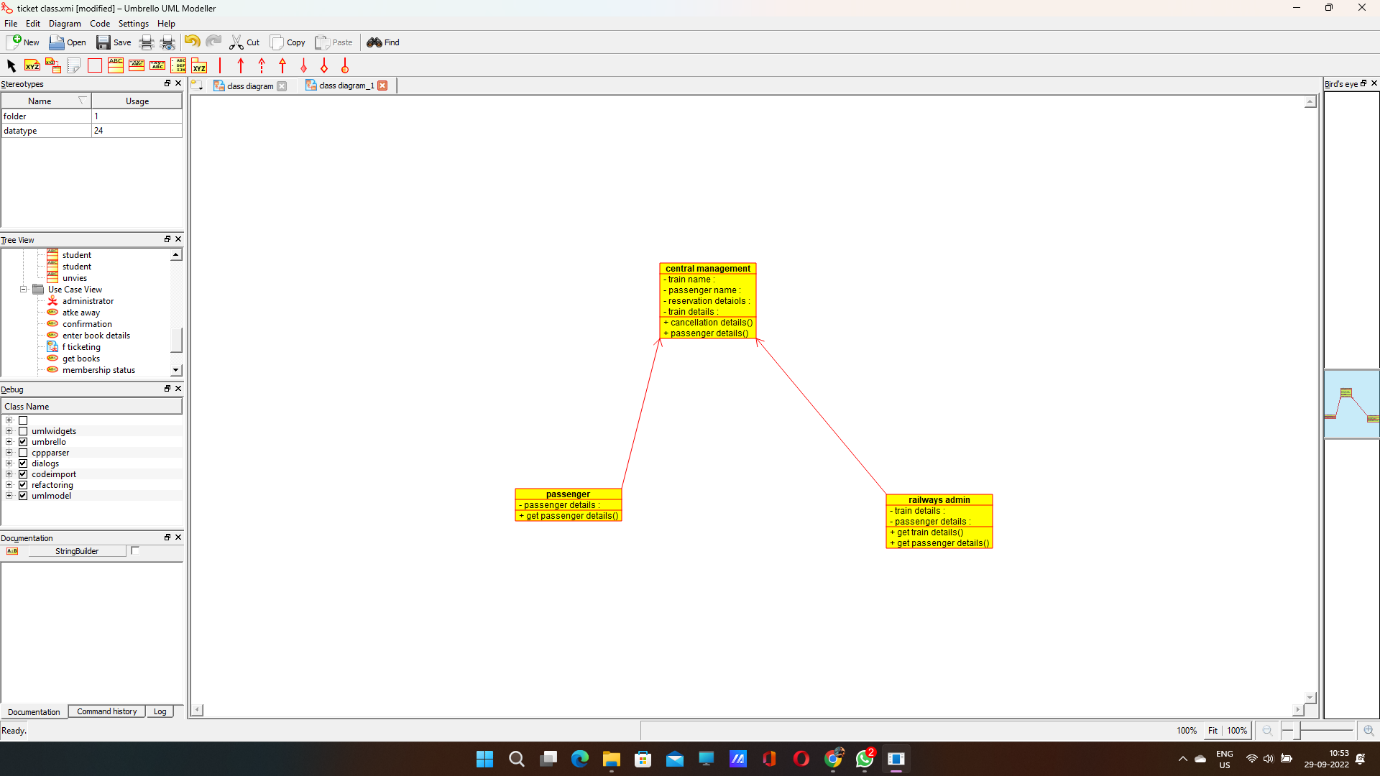
}

**6.E-TICKETING**

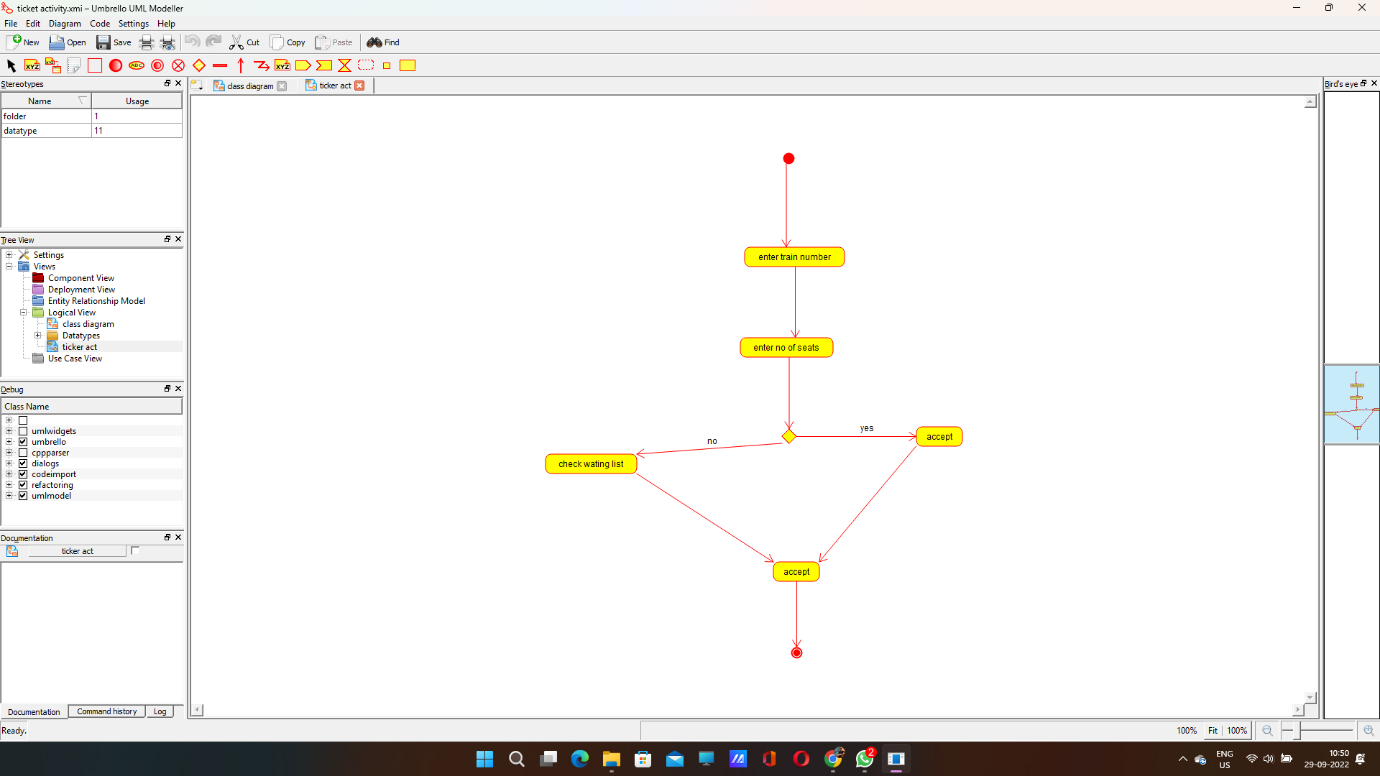
**USE CASE DIAGRAM**:



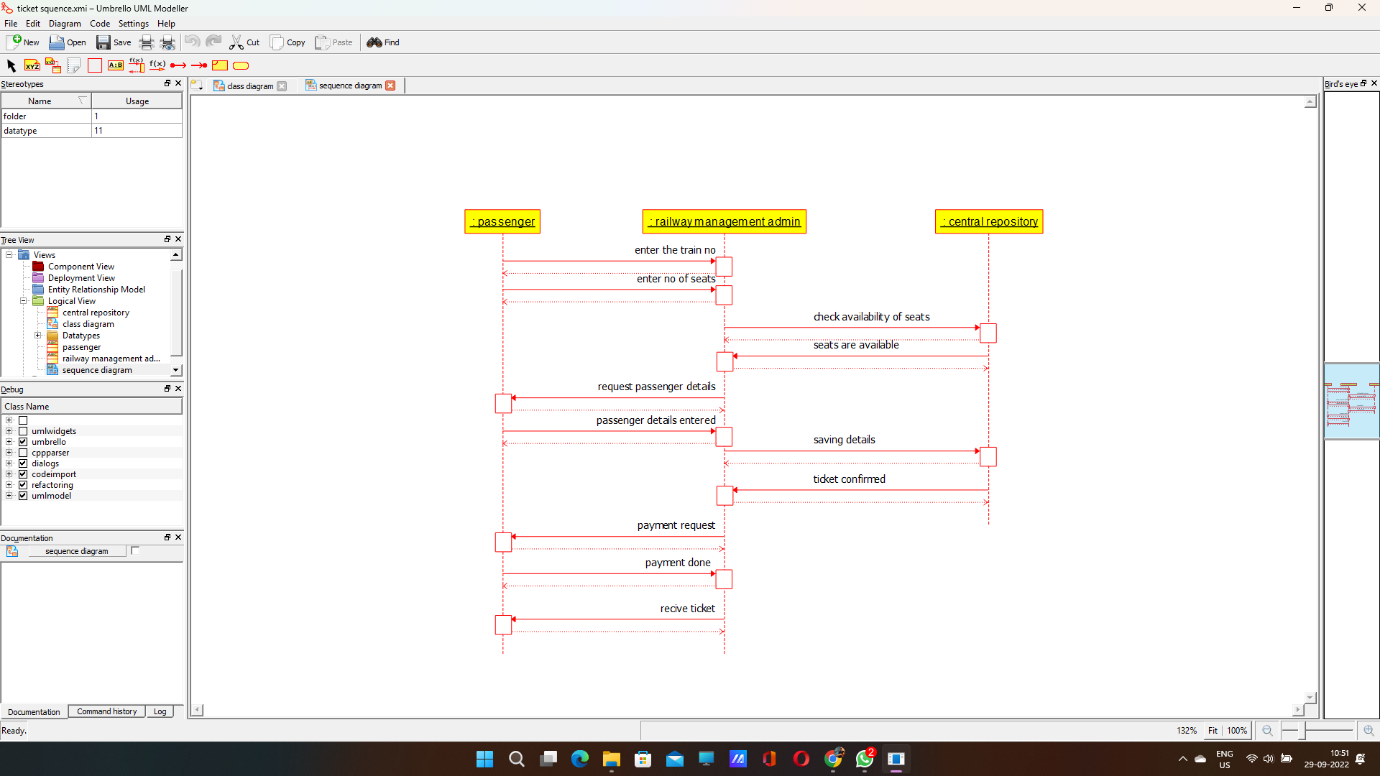
**CLASS DIAGRAM:**

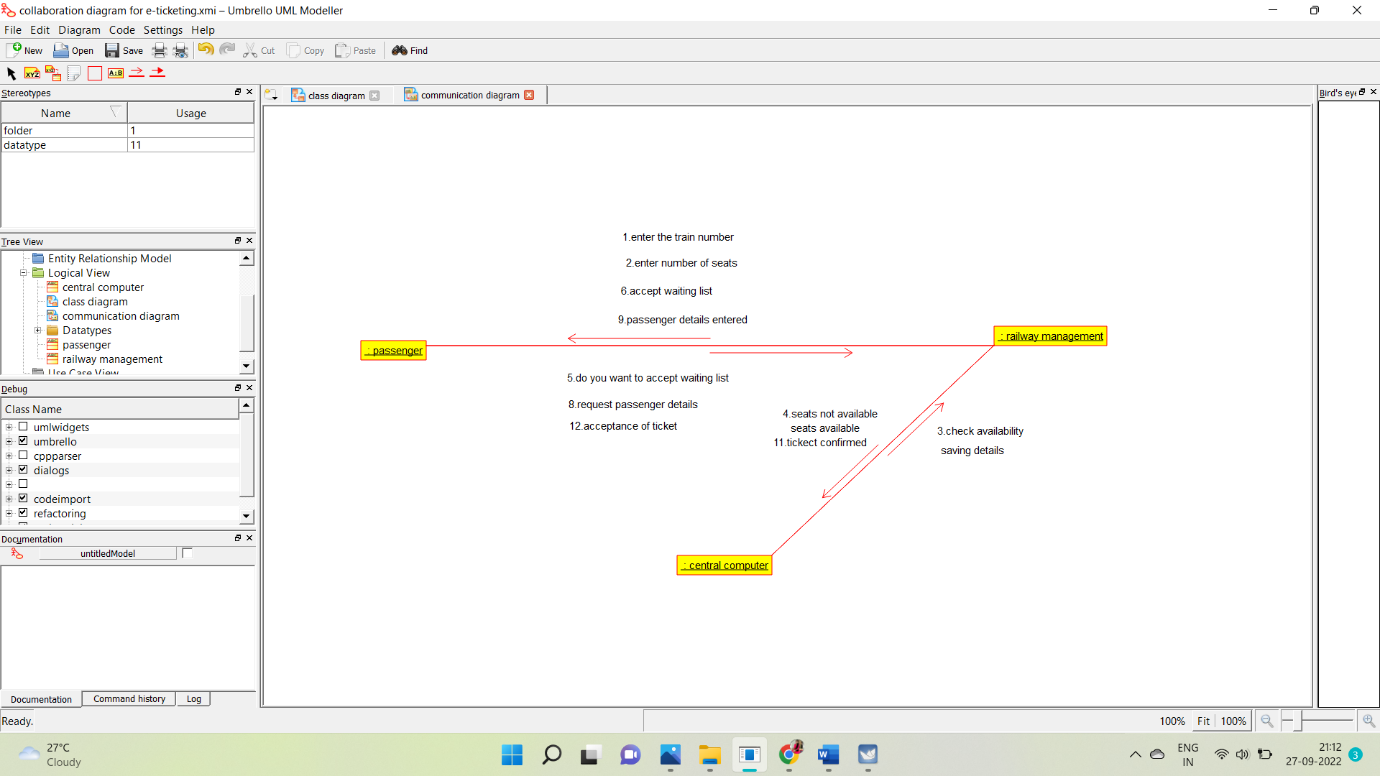


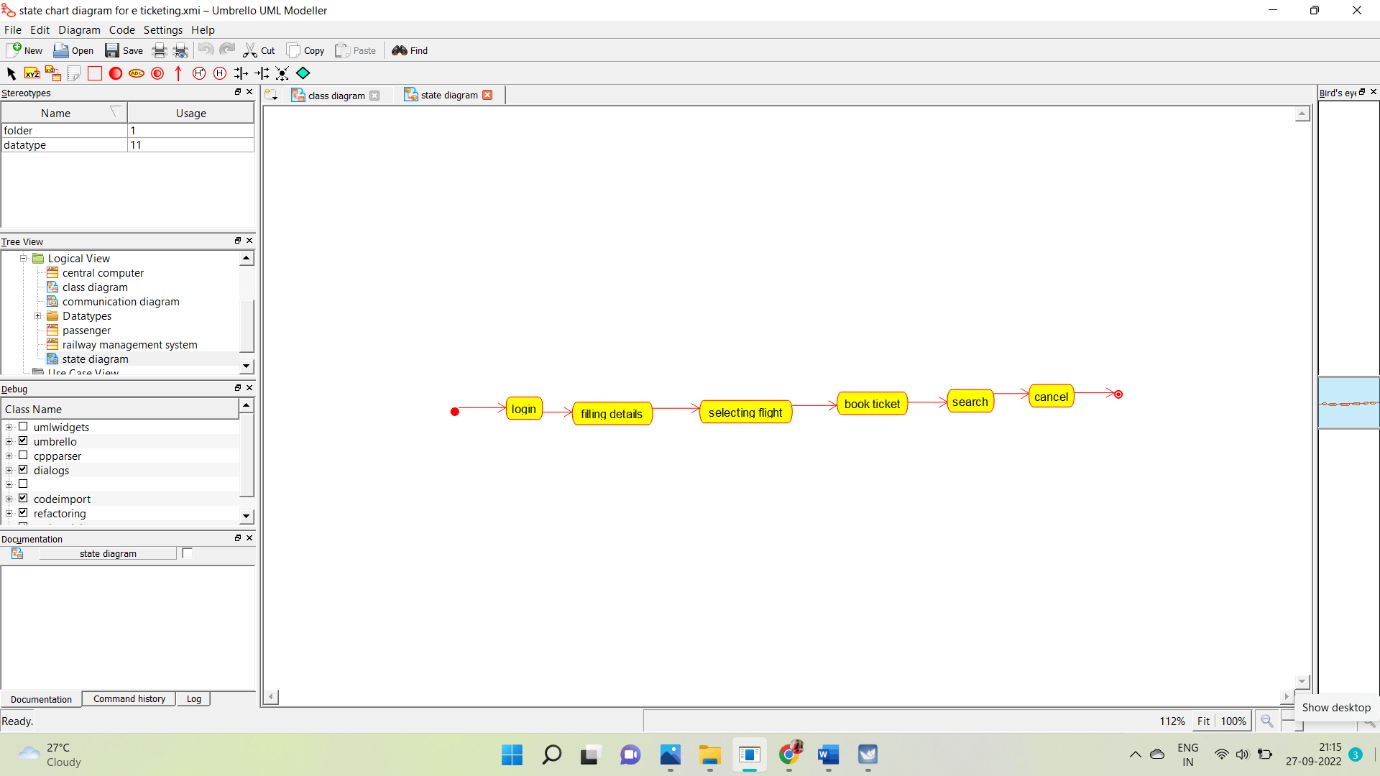
**ACTIVITY DIAGRAM:**



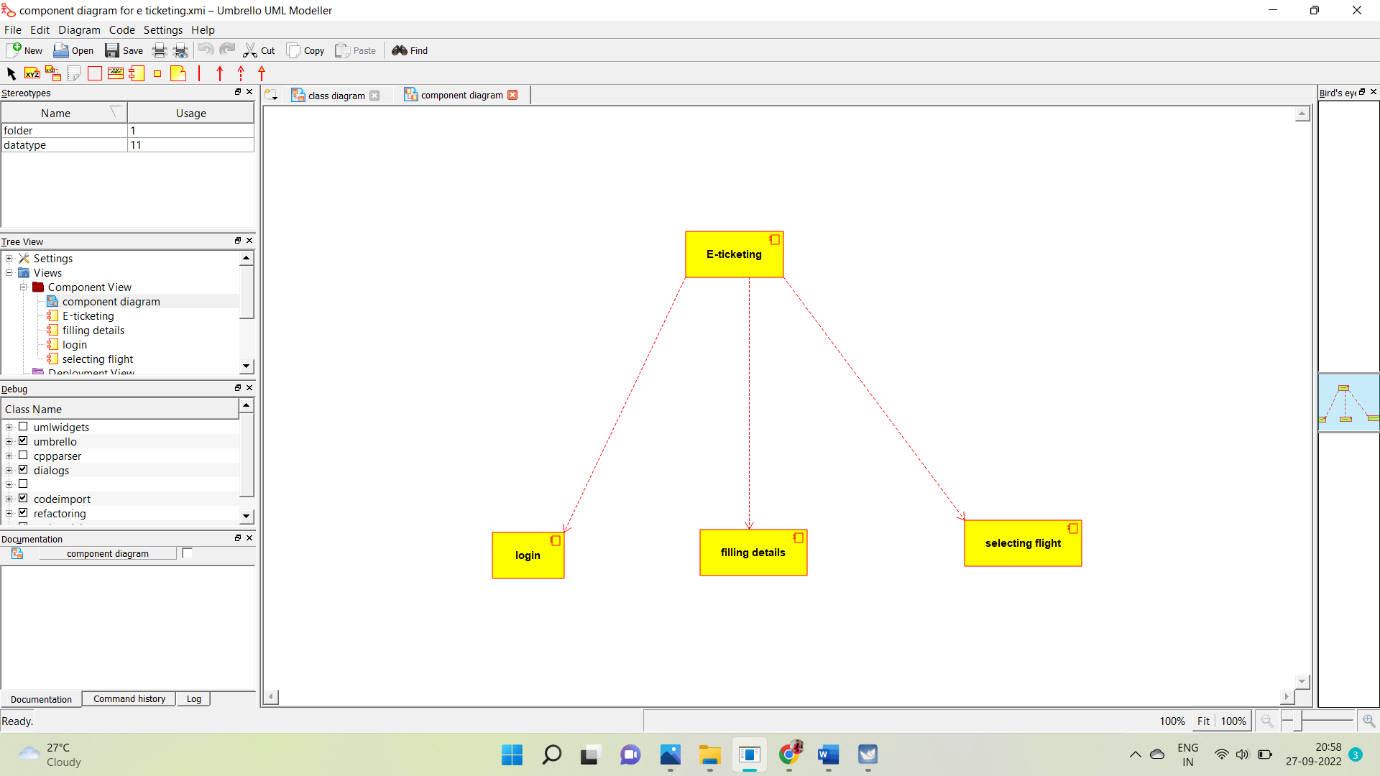
**SEQUENCE DIAGRAM:**



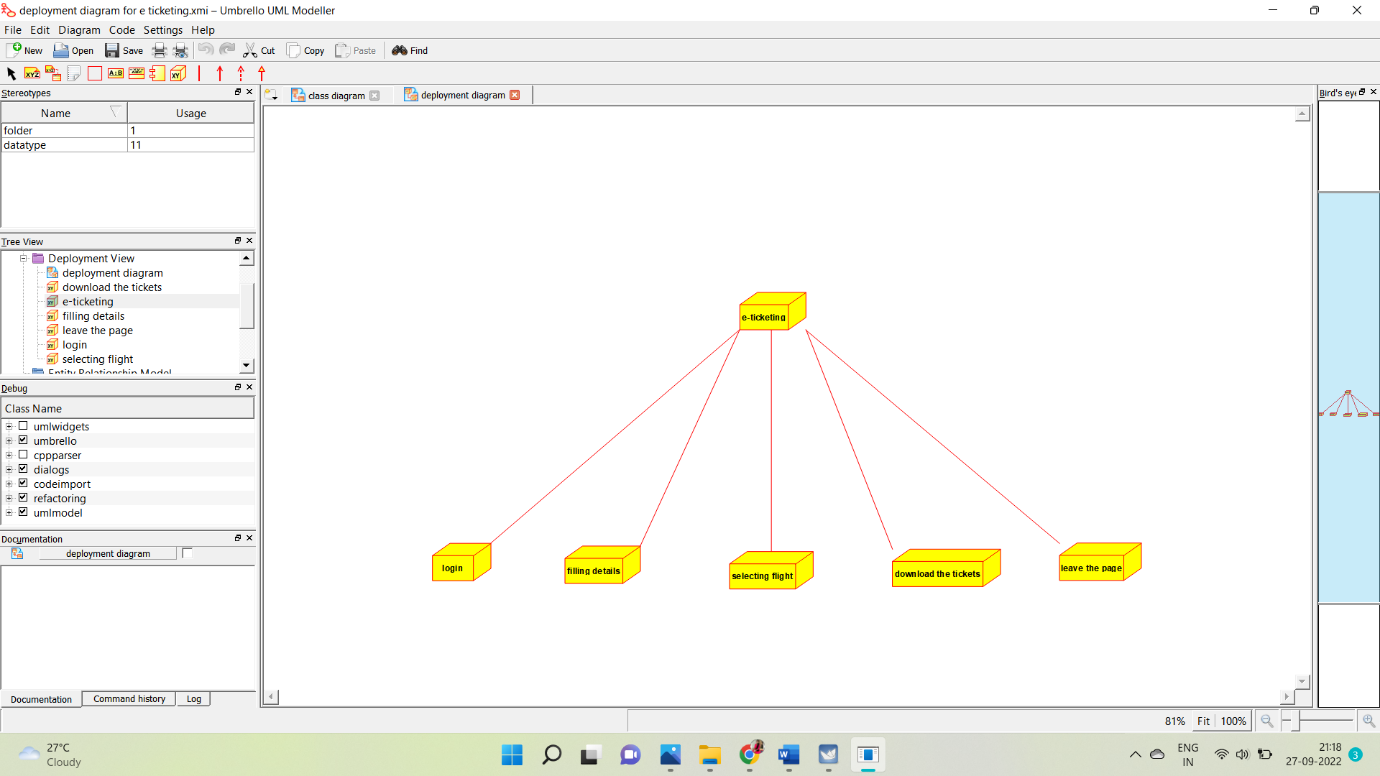
**CALLOBARATION DIAGRAM:** 

**STATE CHART DIAGRAM**: 

**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**SKELETON CODE GENERATION:**

/\*\*

\* Class admin

\*/

public class admin {

//

// Fields

//

//

// Constructors

//

public admin () { };

//

// Methods

//

//

// Accessor methods

//

//

// Other methods

//

}

/\*\*

\* Class central\_management

\*/

public class central\_management {

//

// Fields

//

private void train\_name;

private void passenger\_name;

private void reservation\_detaiols;

private void train\_details;

//

// Constructors

//

public central\_management () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of train\_name

\* @param newVar the new value of train\_name

\*/

private void setTrain\_name (void newVar) {

train\_name = newVar;

}

/\*\*

\* Get the value of train\_name

\* @return the value of train\_name

\*/

private void getTrain\_name () {

return train\_name;

}

/\*\*

\* Set the value of passenger\_name

\* @param newVar the new value of passenger\_name

\*/

private void setPassenger\_name (void newVar) {

passenger\_name = newVar;

}

/\*\*

\* Get the value of passenger\_name

\* @return the value of passenger\_name

\*/

private void getPassenger\_name () {

return passenger\_name;

}

/\*\*

\* Set the value of reservation\_detaiols

\* @param newVar the new value of reservation\_detaiols

\*/

private void setReservation\_detaiols (void newVar) {

reservation\_detaiols = newVar;

}

/\*\*

\* Get the value of reservation\_detaiols

\* @return the value of reservation\_detaiols

\*/

private void getReservation\_detaiols () {

return reservation\_detaiols;

}

/\*\*

\* Set the value of train\_details

\* @param newVar the new value of train\_details

\*/

private void setTrain\_details (void newVar) {

train\_details = newVar;

}

/\*\*

\* Get the value of train\_details

\* @return the value of train\_details

\*/

private void getTrain\_details () {

return train\_details;

}

//

// Other methods

//

/\*\*

\*/

public void cancellation\_details()

{

}

/\*\*

\*/

public void passenger\_details()

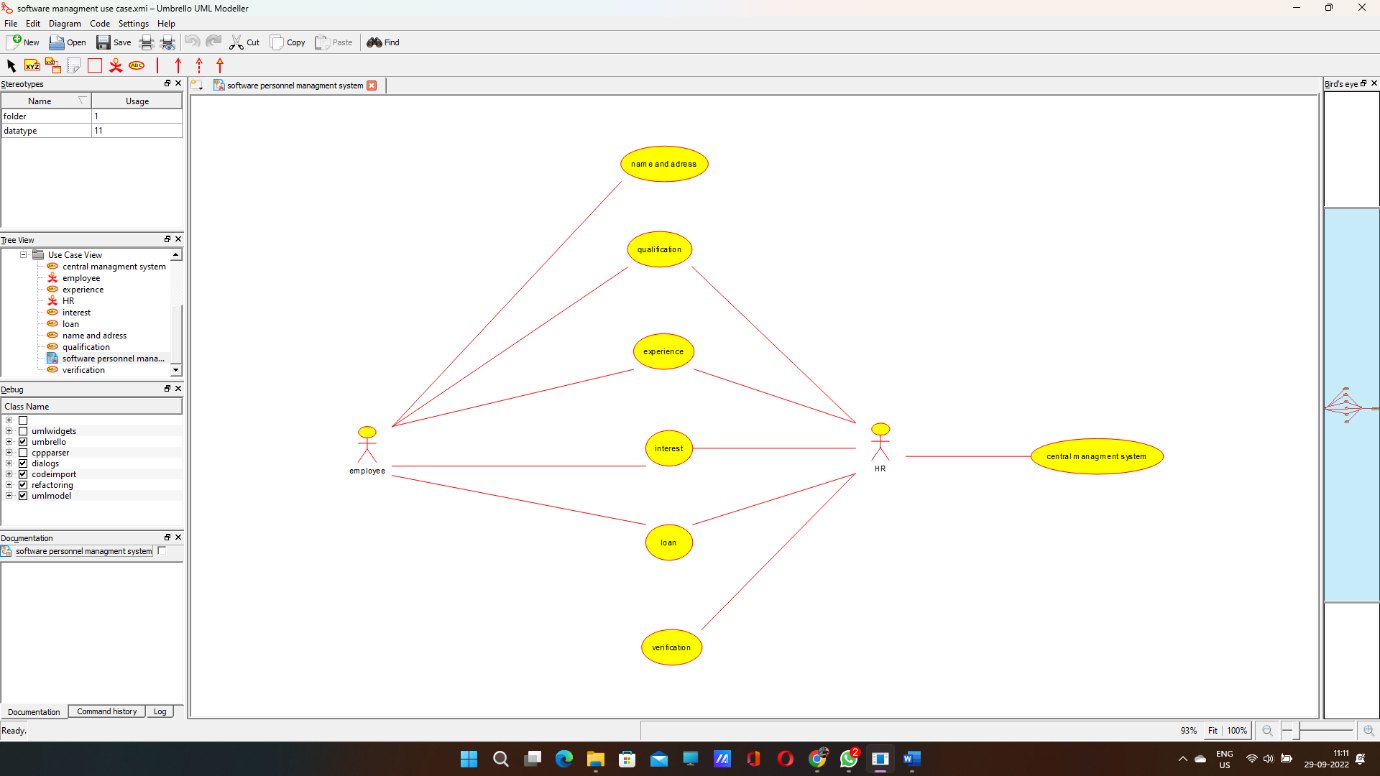
{

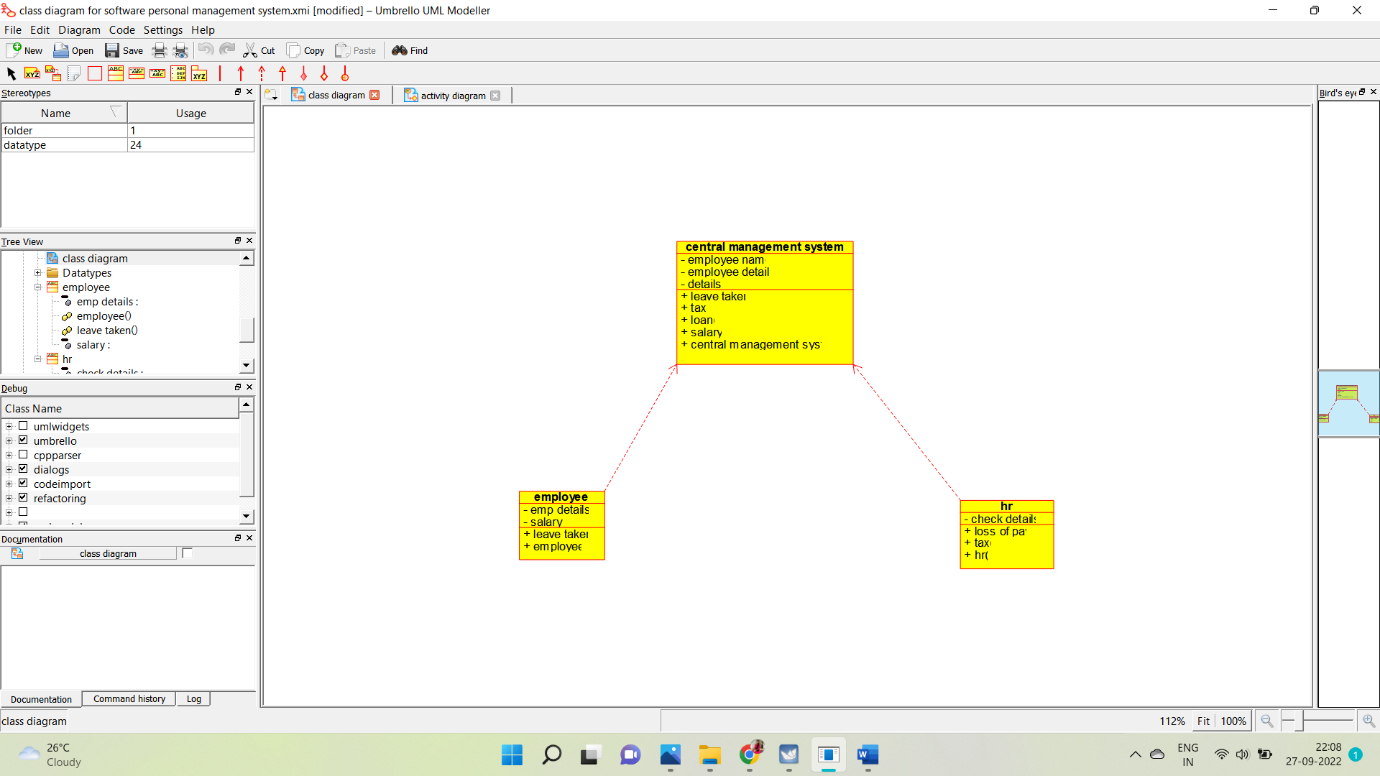
}

}

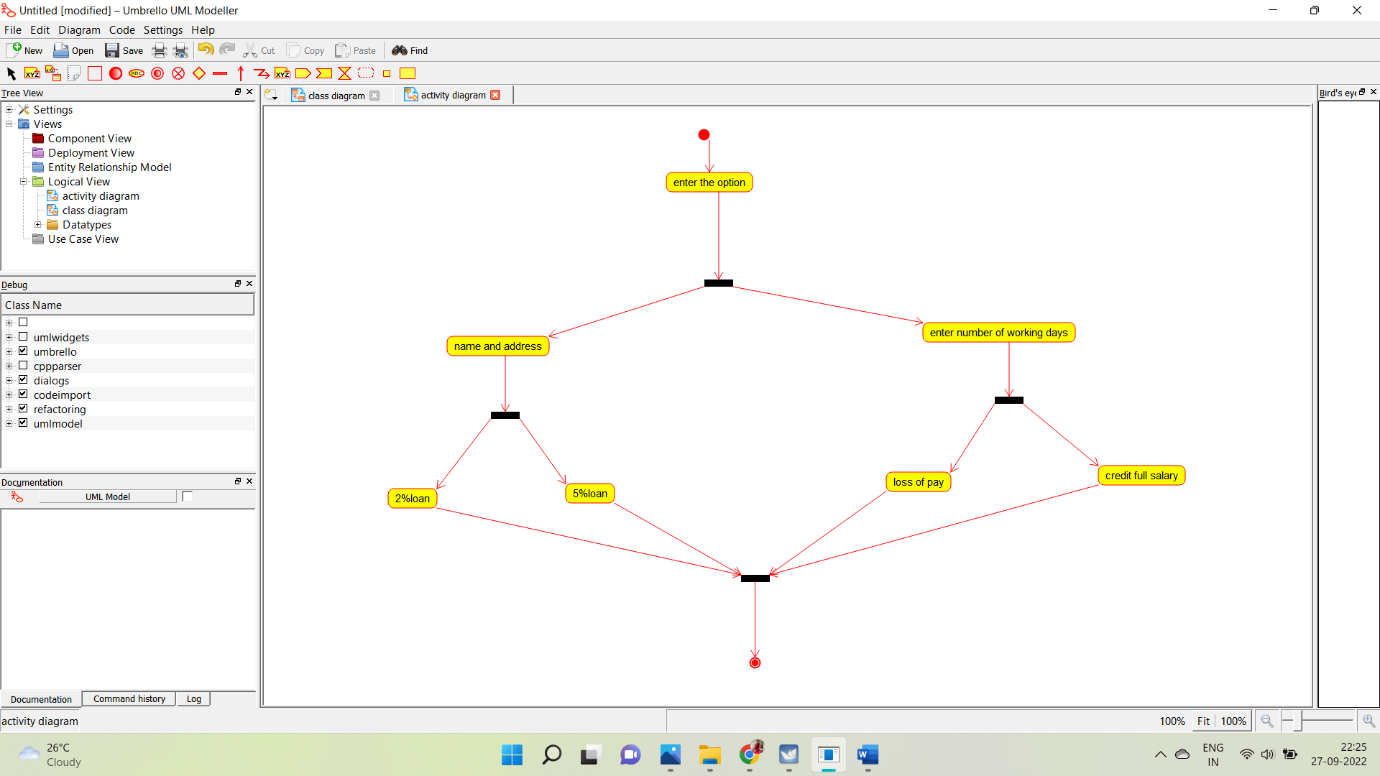
**8.SOFTWARE MANAGEMENT SYSTEM**

**USECASE DIAGRAM:**

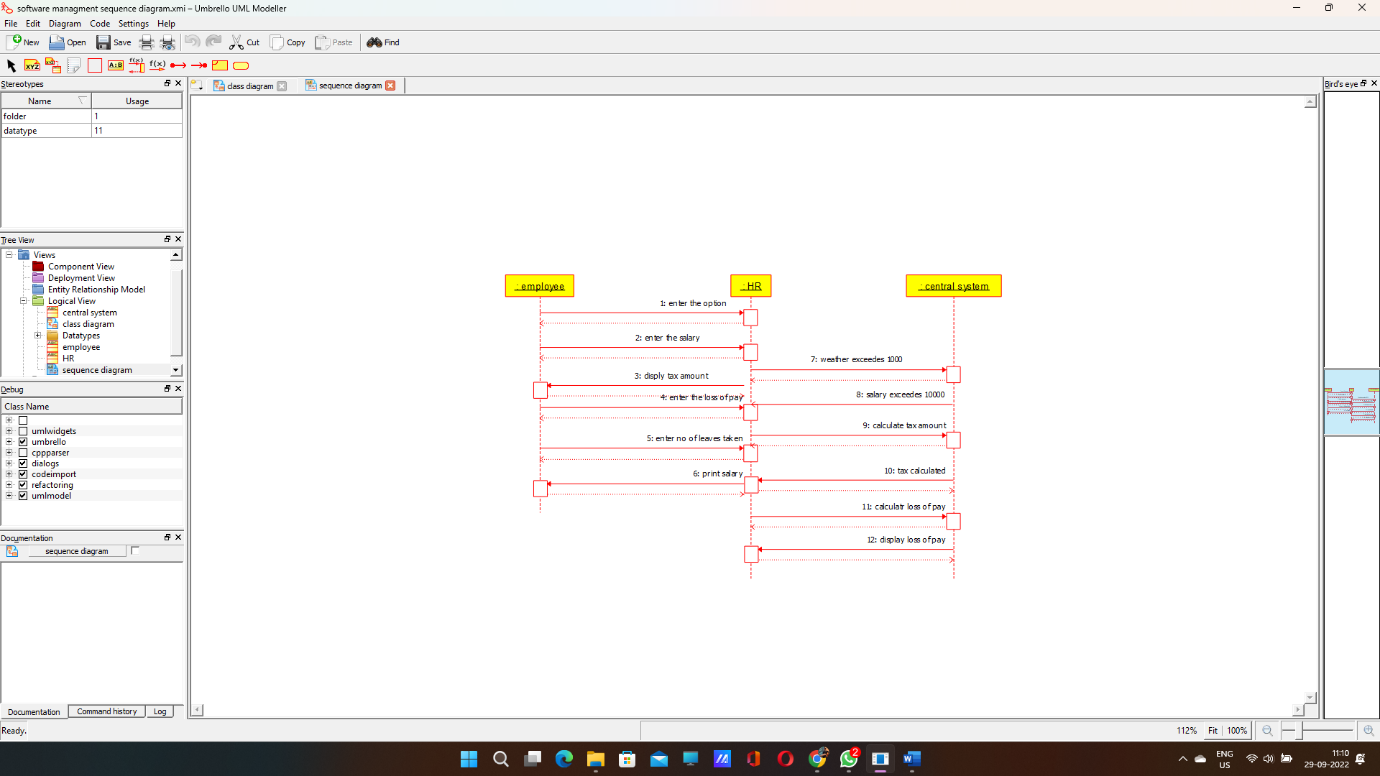


**CLASS DIAGRAM**

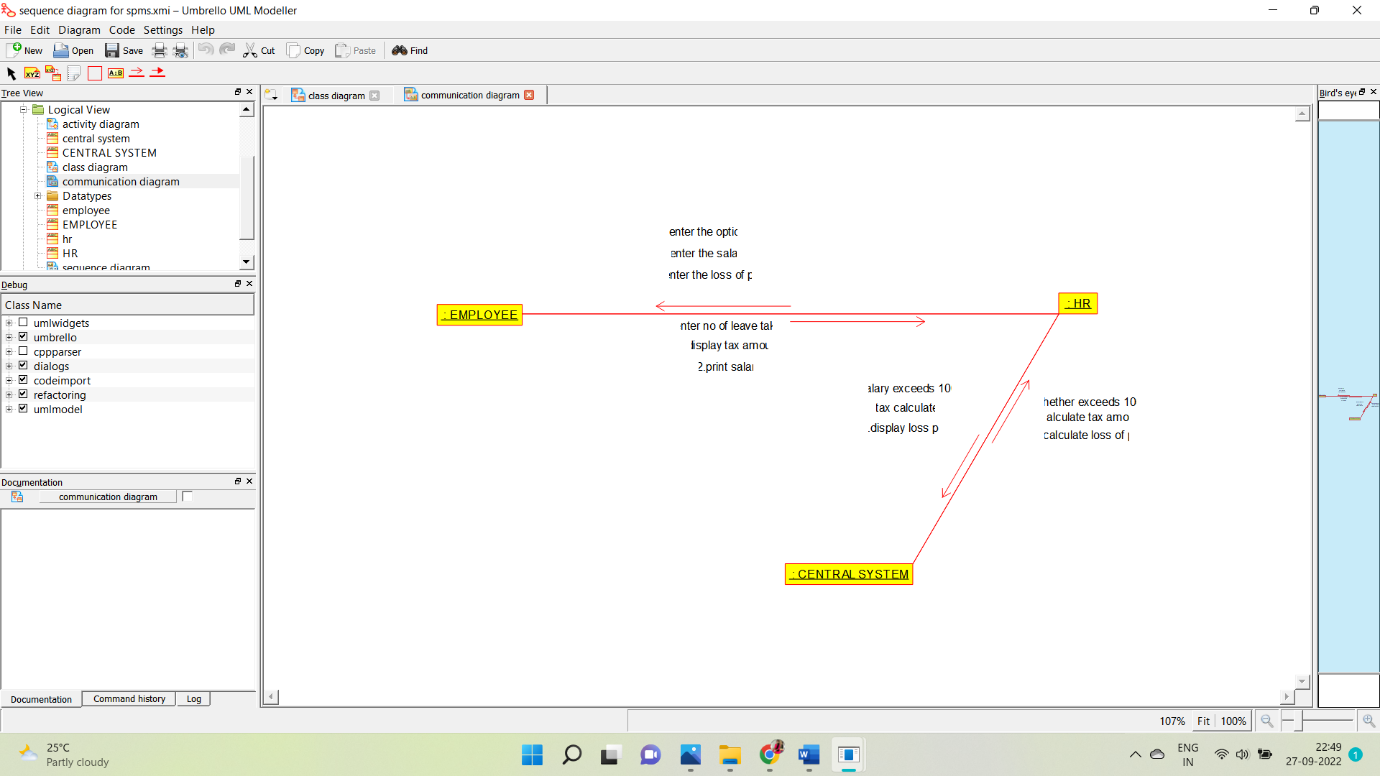
**ACTIVITY DIAGRAM:**



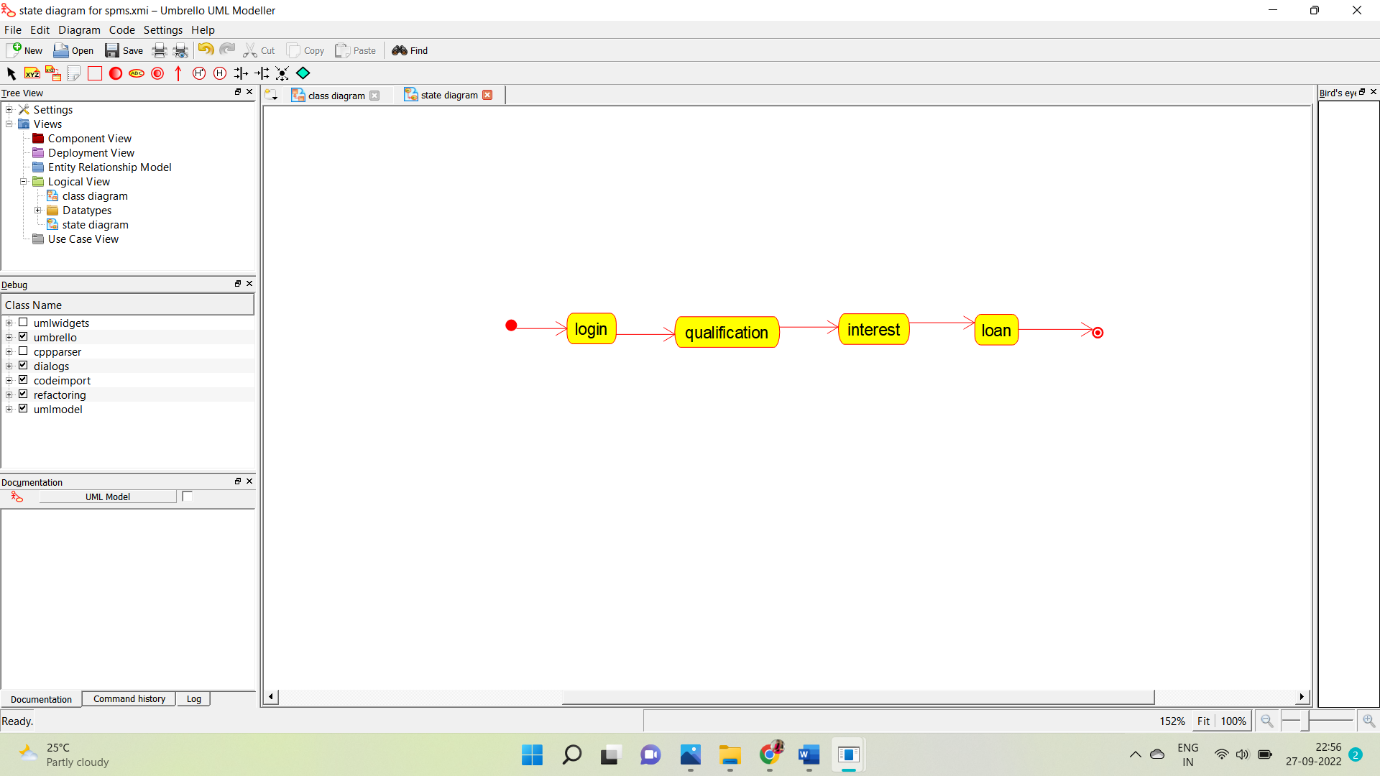
**SEQUENCE DIAGRAM:**



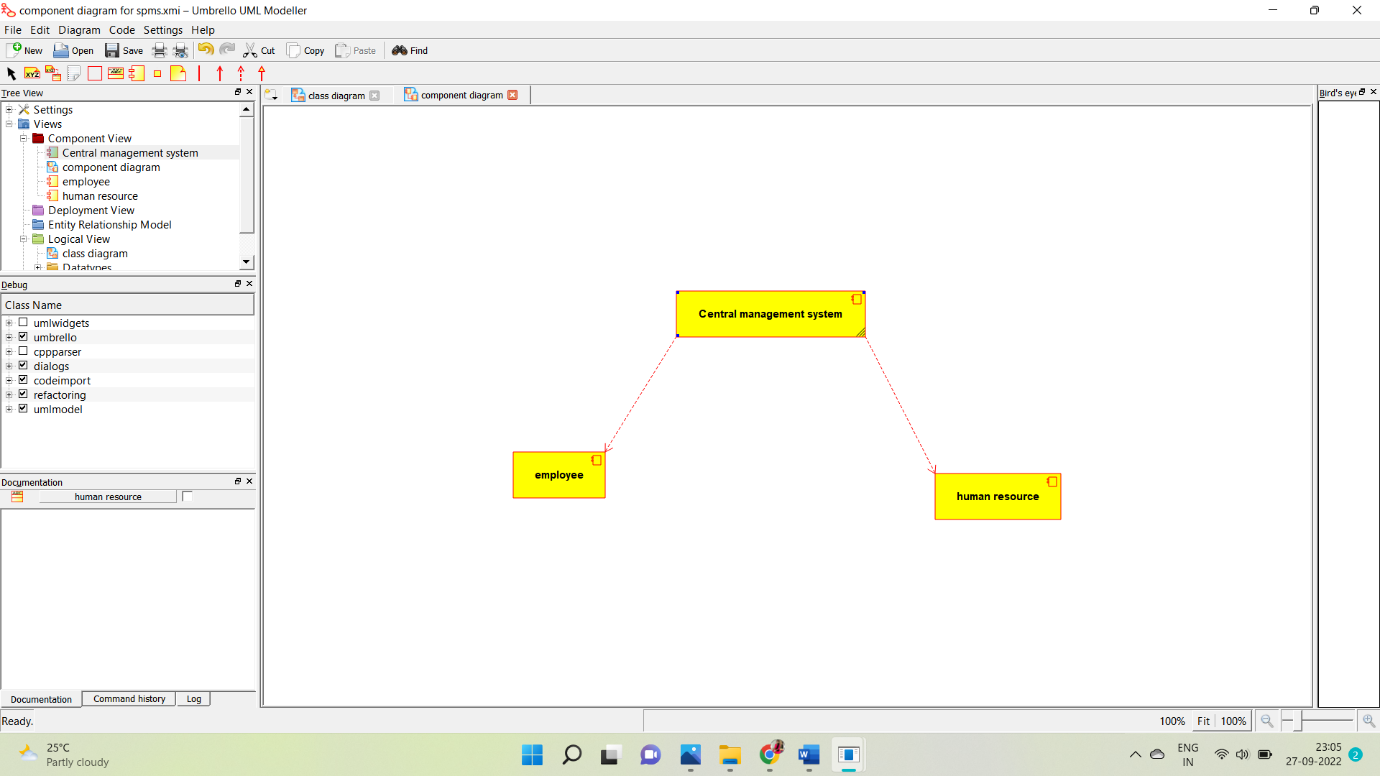
**COLLABORATION DIAGRAM:**



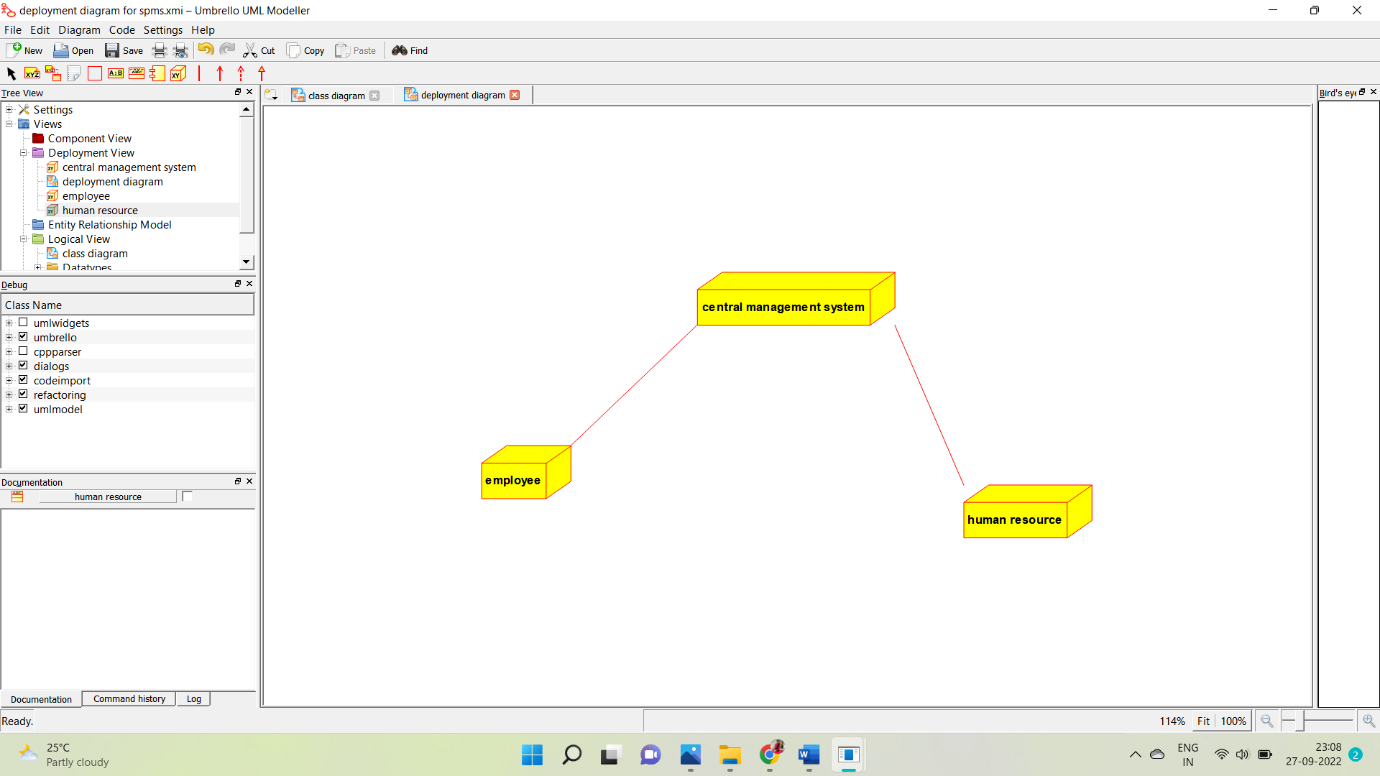
**STATE CHART DIAGRAM:**



**COMPONENT DIAGRAM:**



**DEPLOYMENT:**



**SKELETON CODE:-**

**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()

{

}