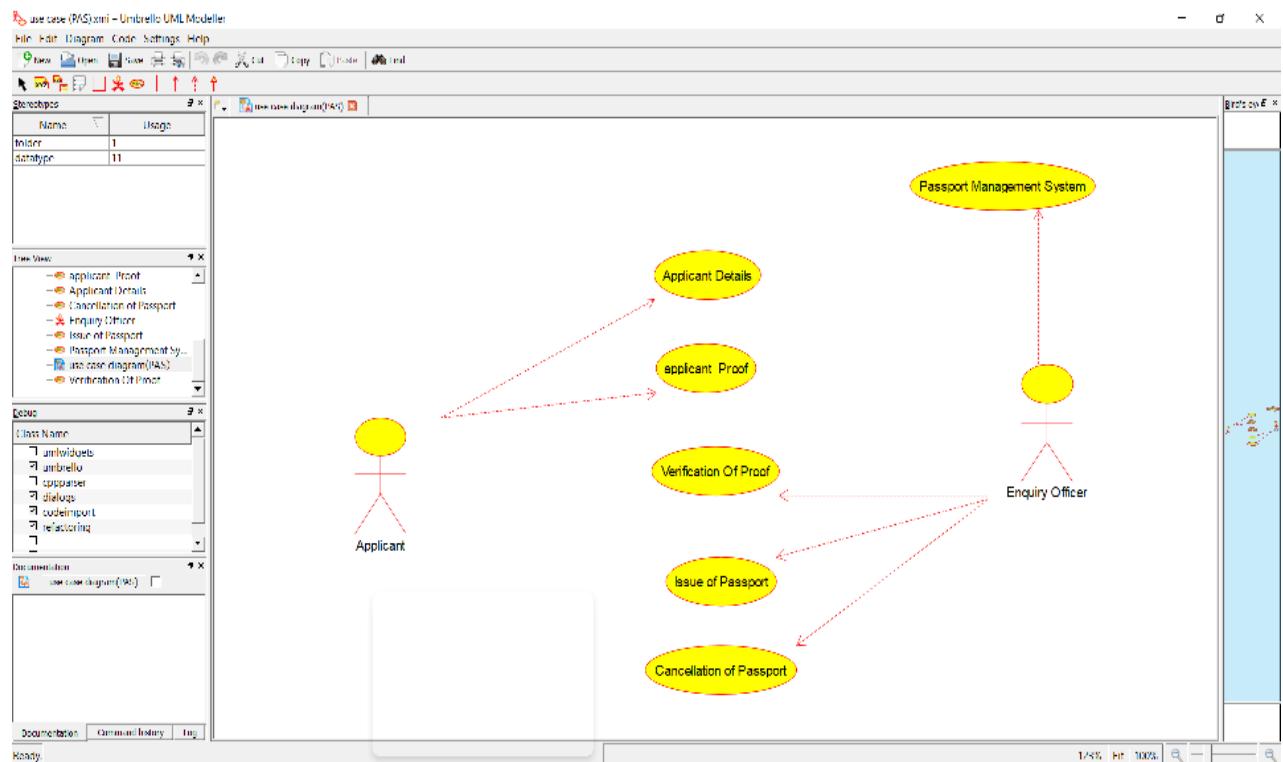


Ex No:01 PASSPORT AUTOMATION SYSTEM

EDS CHAITANYA(192011372)

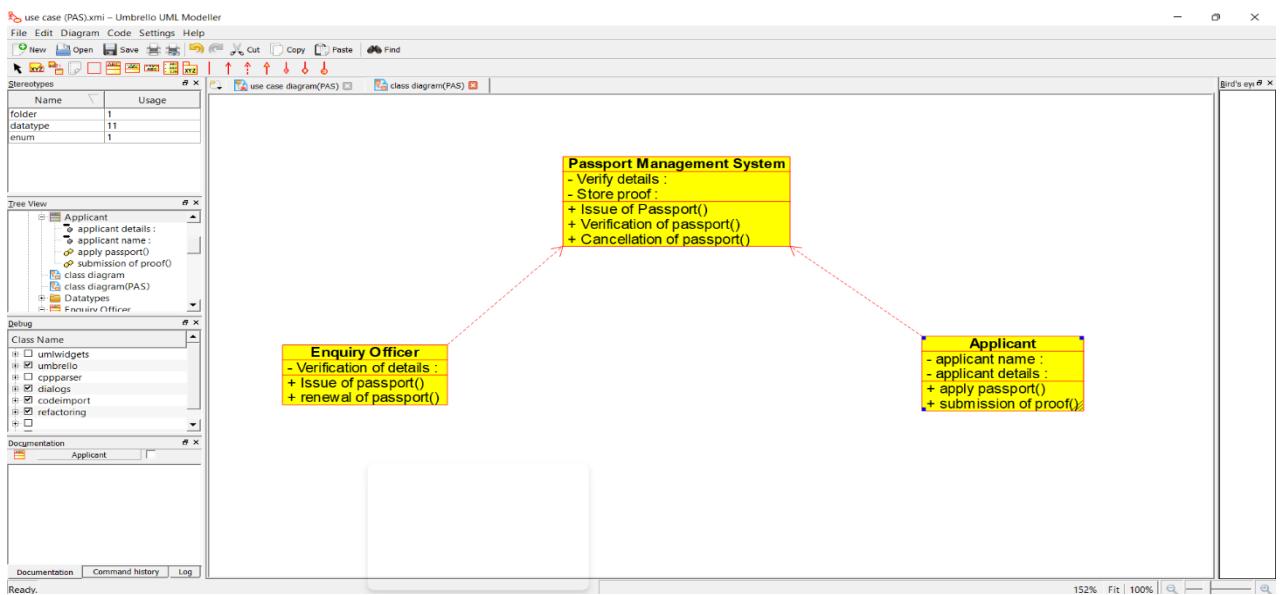
USE CASE DIAGRAM:



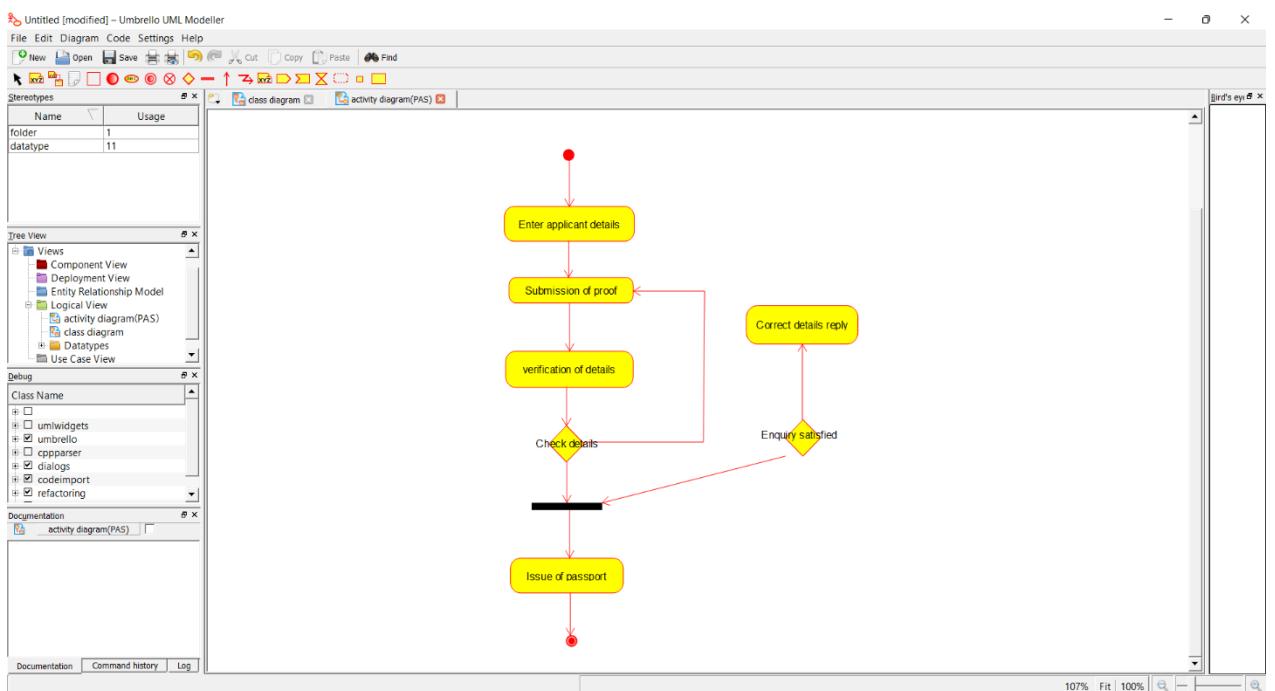
CLASS DIAGRAM:



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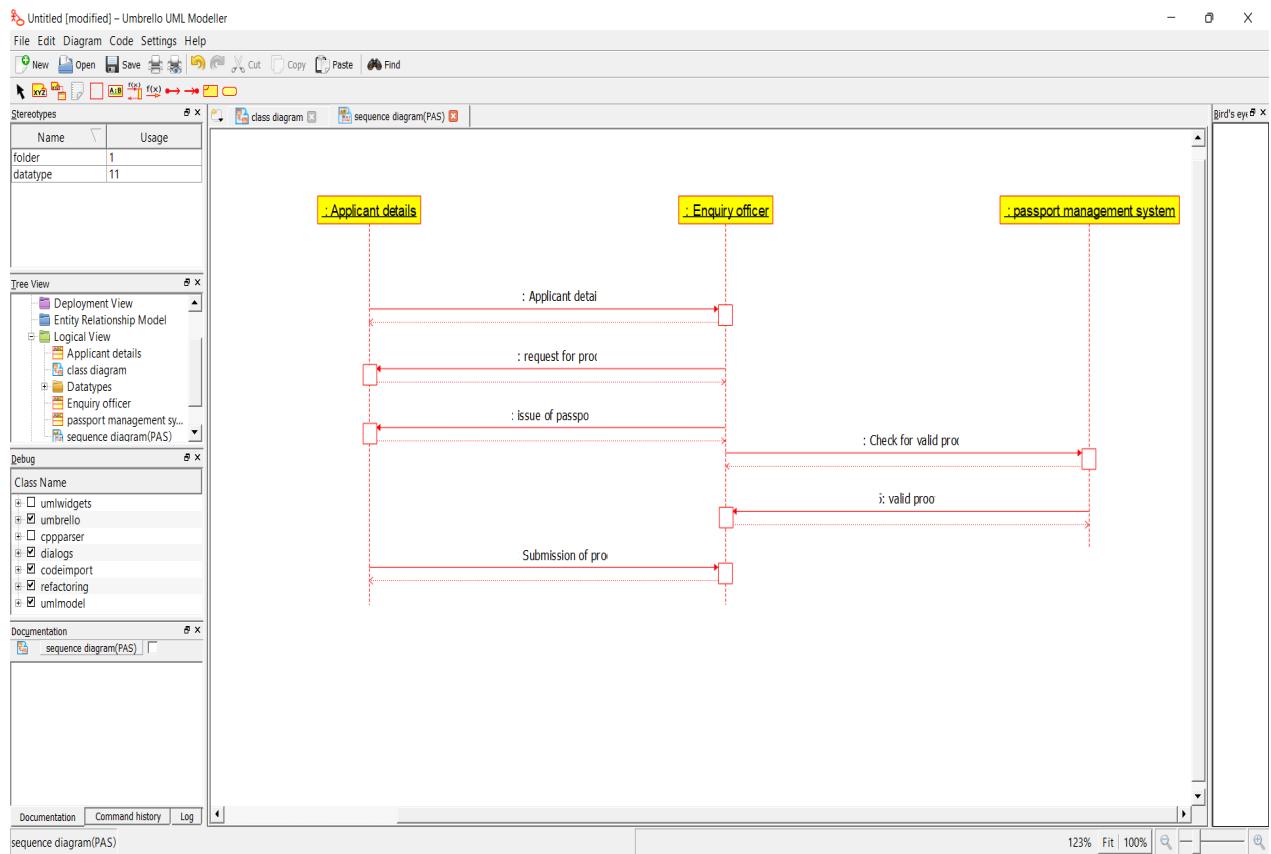
ACTIVITY DIAGRAM:



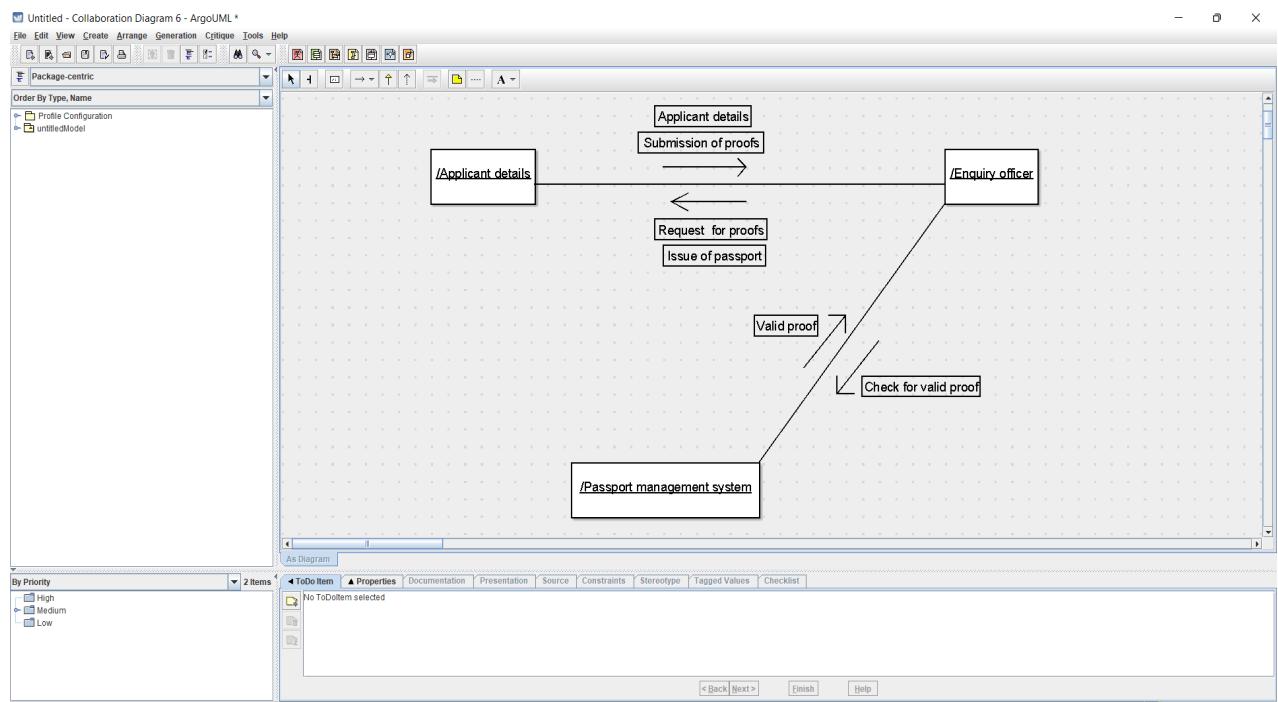
SEQUENCE DIAGRAM:



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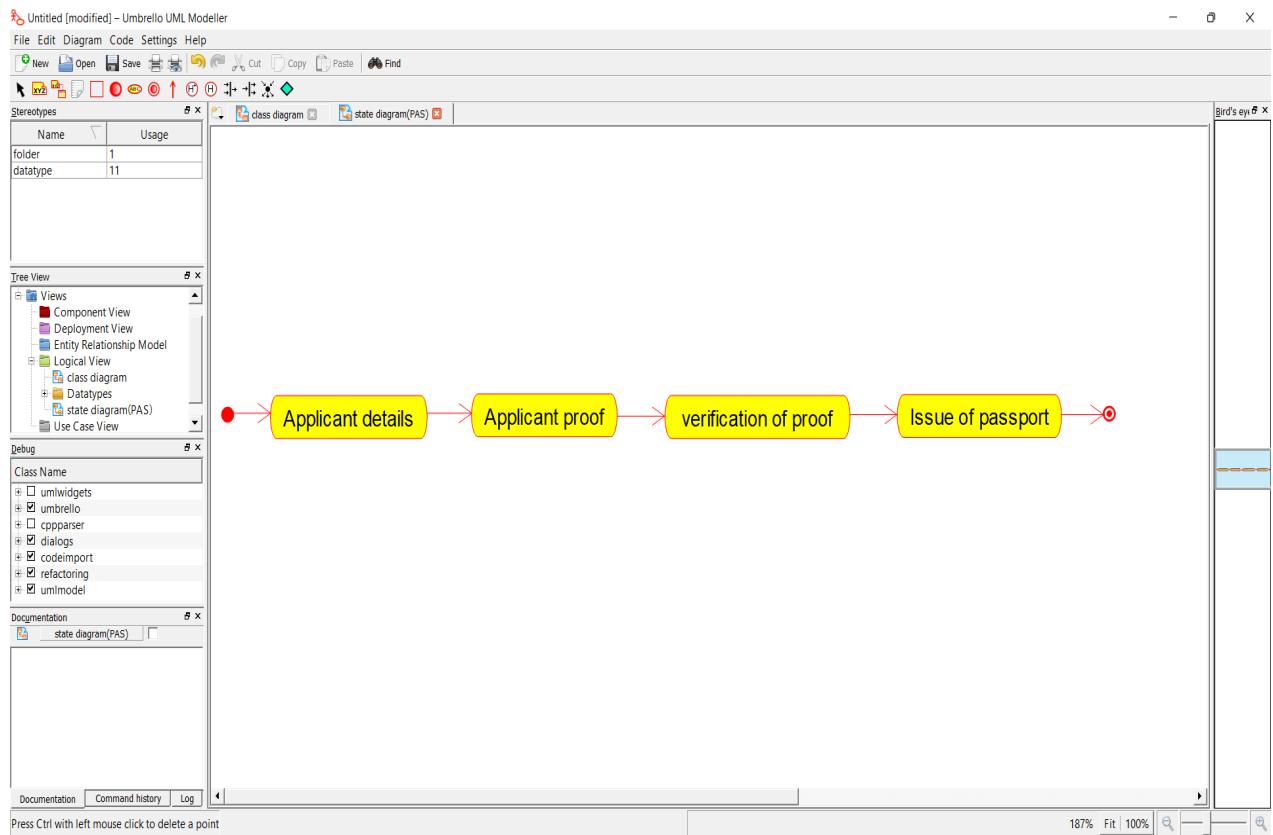


COLLABORATION DIAGRAM:

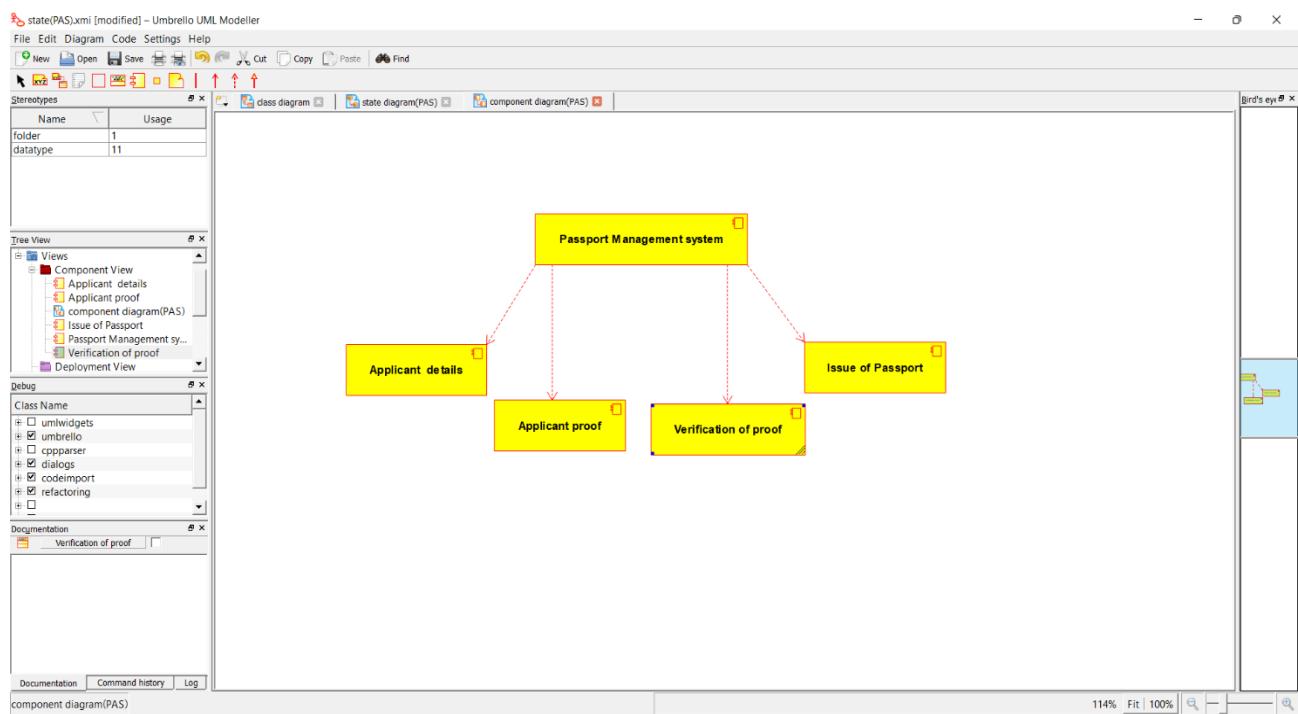


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STATE CHART DIAGRAM :

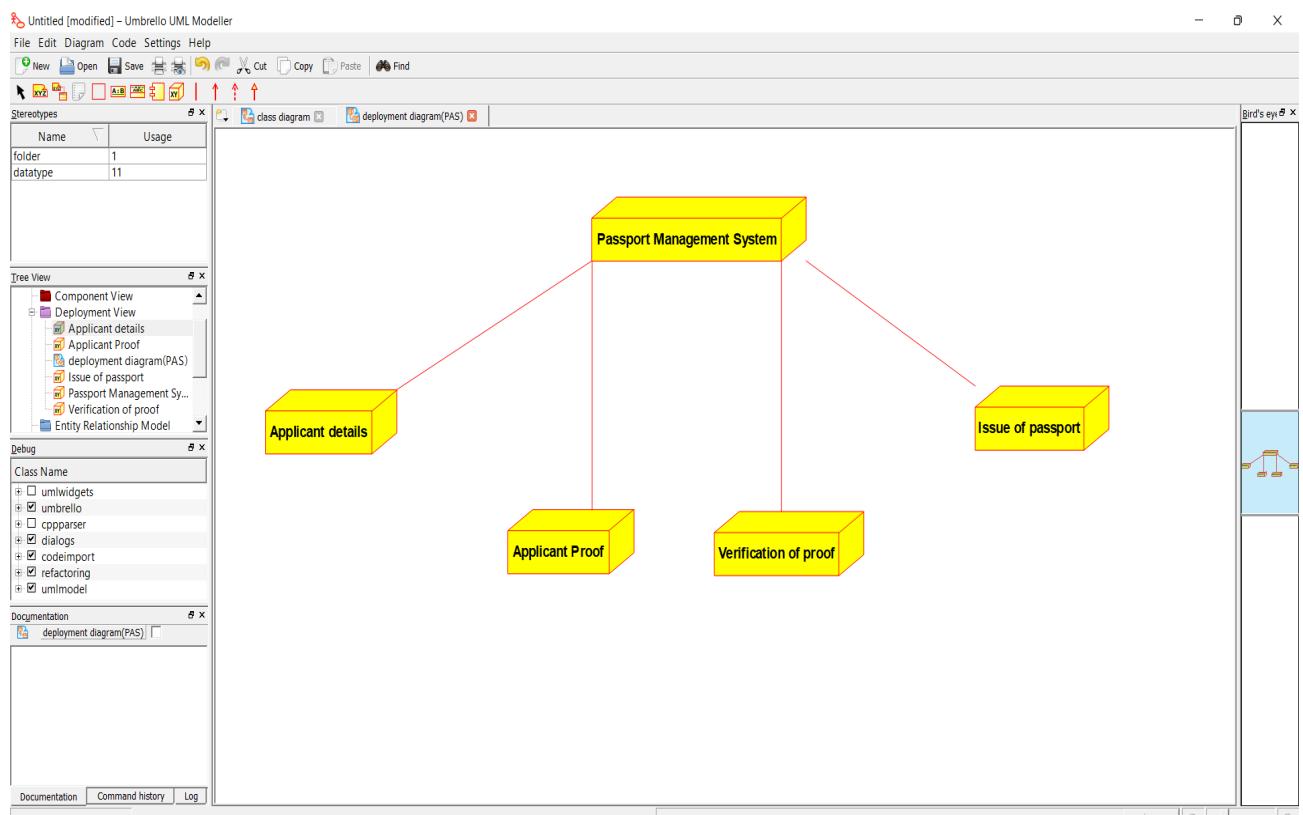


COMPONENT DIAGRAM

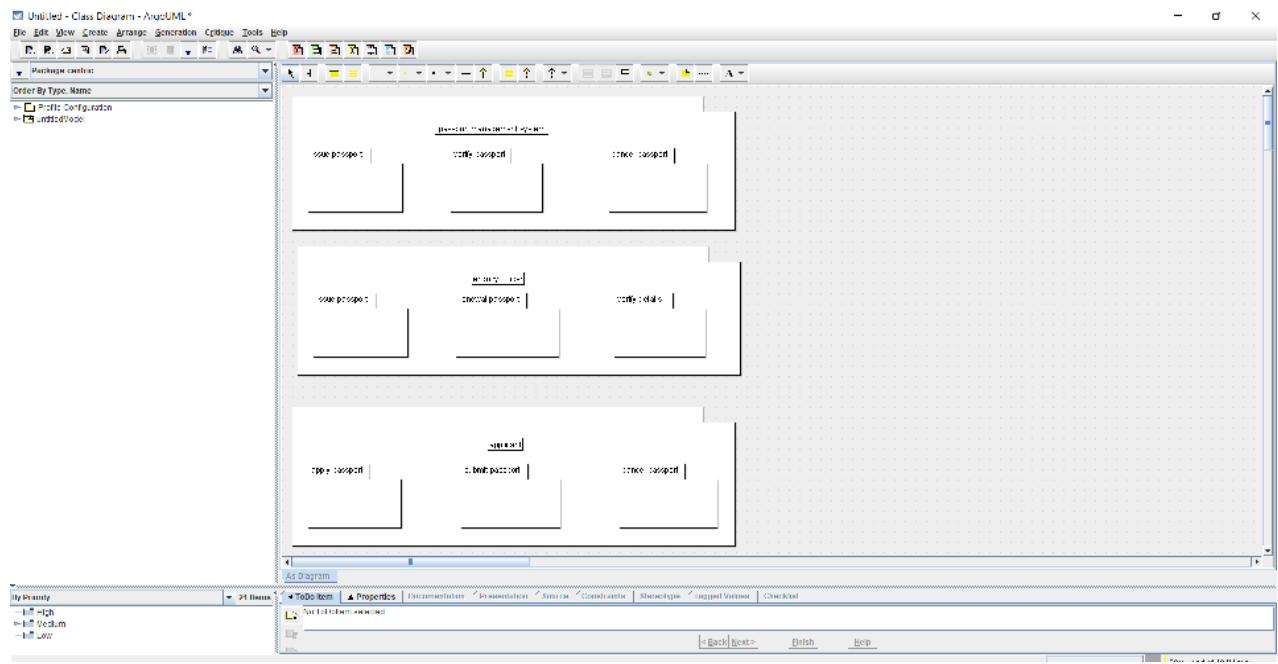


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DEPLOYMENT DIAGRAM



PACKAGE DIAGRAM:



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PROGRAM CODING:

```
PASSPORT MANAGEMENT SYSTEM:  
  
/**  
 * Class Passport_management_system  
 */  
public class Passport_management_system {  
  
    //  
    // Fields  
    //  
  
    private void verify_details;  
    private void 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 (void newVar) {  
    verify_details = newVar;  
}  
  
/**  
 * Get the value of verify_details  
 * @return the value of verify_details  
 */  
  
private void getVerify_details () {  
    return verify_details;  
}  
  
/**  
 * Set the value of store_proof  
 * @param newVar the new value of store_proof  
 */  
  
private void setStore_proof (void newVar) {  
    store_proof = newVar;
```



```
}

/** 
 * Get the value of store_proof
 * @return the value of store_proof
 */
private void getStore_proof () {
    return store_proof;
}

// 
// Other methods
// 
/** 
 */
public void issue_of_passport()
{
}
/** 
 */
public void verification_of_passport()
{
}
/** 
 */
public void cancellation_of_passport()
```



```
{  
}  
}  
  
ENQUIRY OFFICER:  
  
/**  
 * Class Enquiry_officer  
 */  
  
public class Enquiry_officer {  
  
//  
// Fields  
//  
  
private void 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 (void newVar) {  
    verification_of_details = newVar;  
}  
  
/**  
 * Get the value of verification_of_details  
 * @return the value of verification_of_details  
 */  
  
private void getVerification_of_details () {  
    return verification_of_details;  
}  
  
//  
// Other methods  
//  
/**  
 */  
  
public void issue_of_passport()  
{  
}  
  
/**  
 */  
  
public void renewal_of_passport()  
{  
}  
}  
  
}
```

APPLICANT:



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```
/**  
 * Class Applicant  
 */  
  
public class Applicant {  
  
    //  
    // Fields  
    //  
  
    private void applicant_name;  
    private void 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 (void newVar) {  
applicant_details = newVar;  
}  
  
/**  
 * Get the value of applicant_details
```

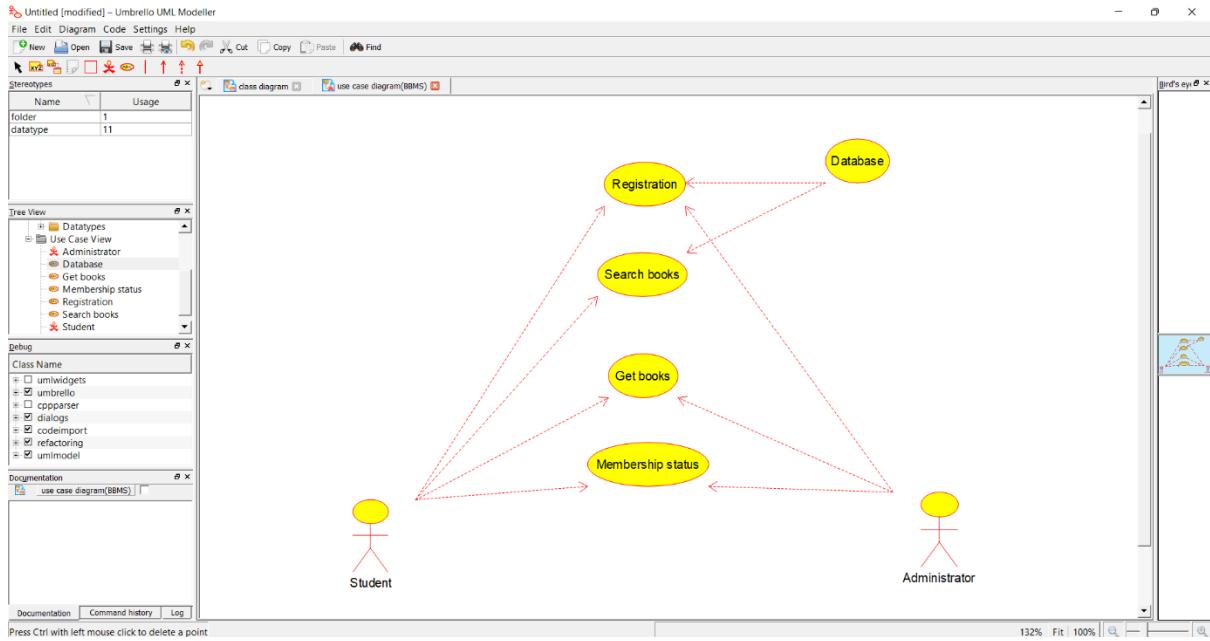


```
* @return the value of applicant_details  
*/  
  
private void getApplicant_details () {  
    return applicant_details;  
}  
  
//  
// Other methods  
//  
  
/**  
 */  
public void apply_passport()  
{  
}  
  
/**  
 */  
public void submission_of_proof()  
{  
}  
}
```

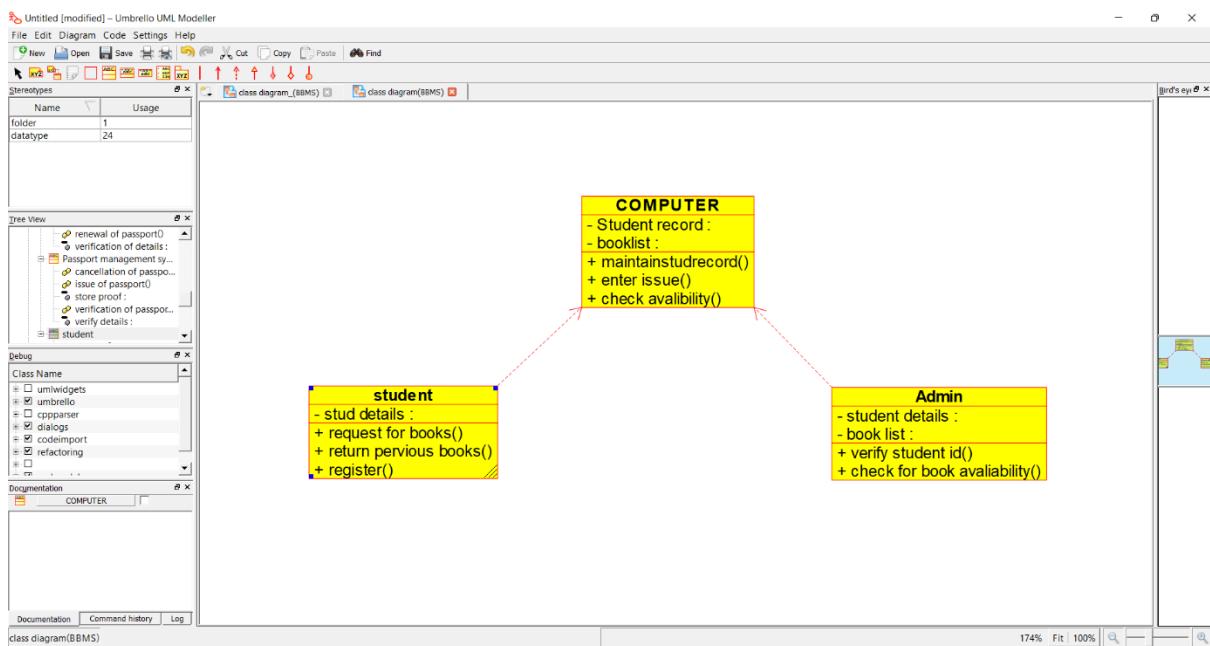


Ex No:02 BOOK BANK REGISTRATION SYSTEM

USE CASE DIAGRAM:

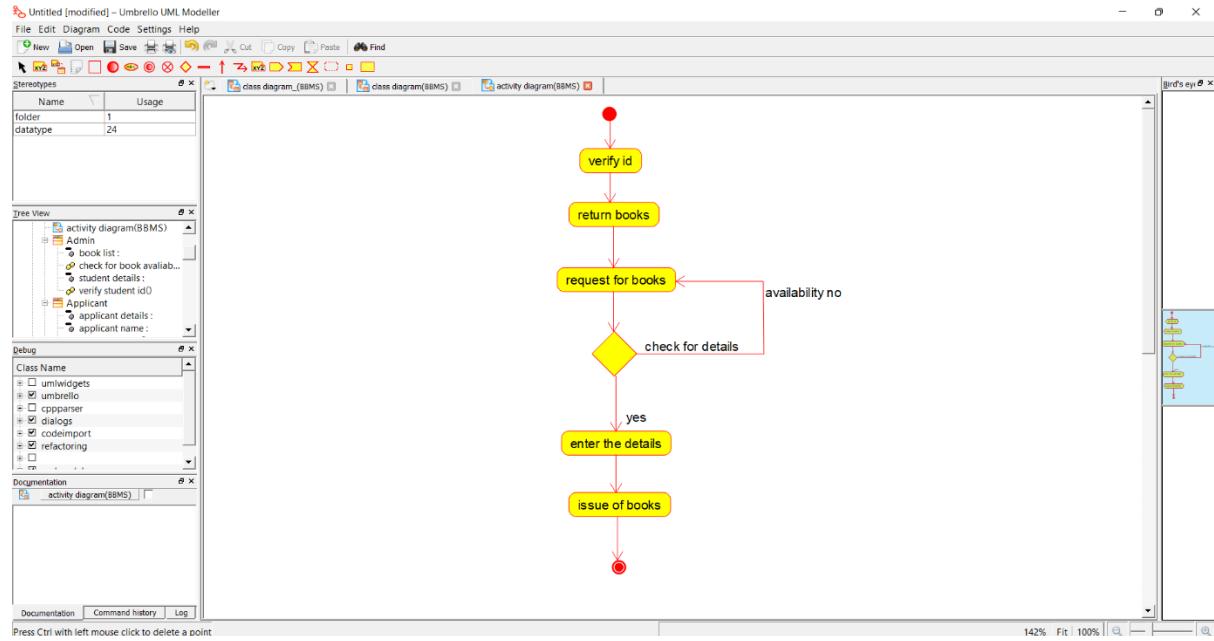


CLASS DIAGRAM:

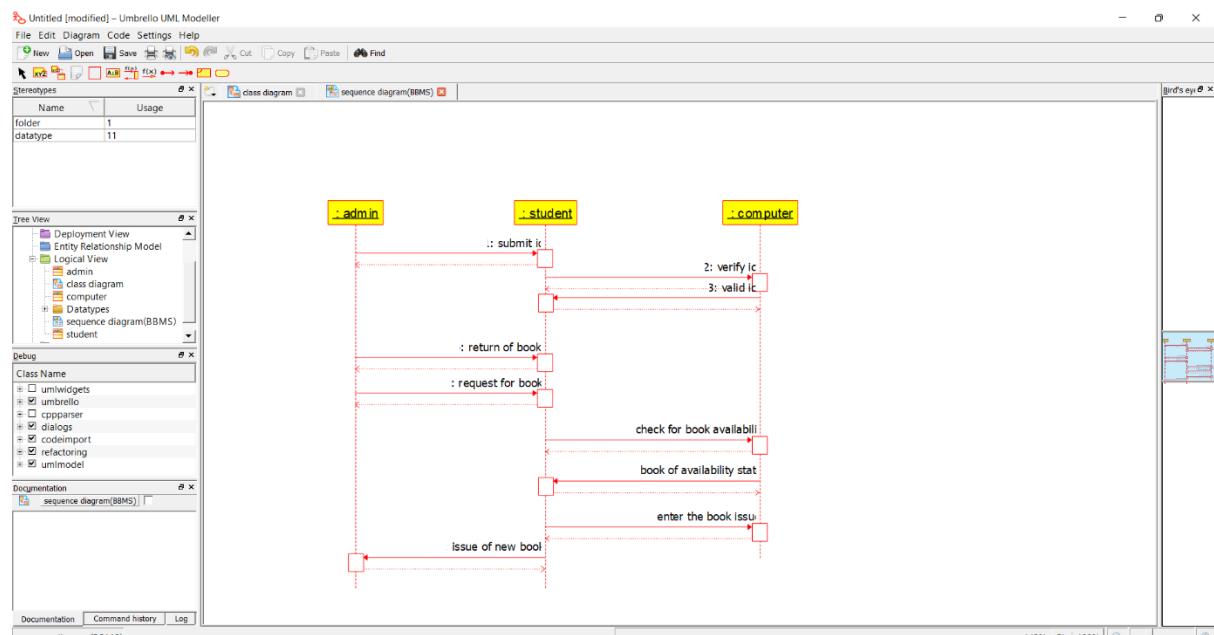


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ACTIVITY DIAGRAM:

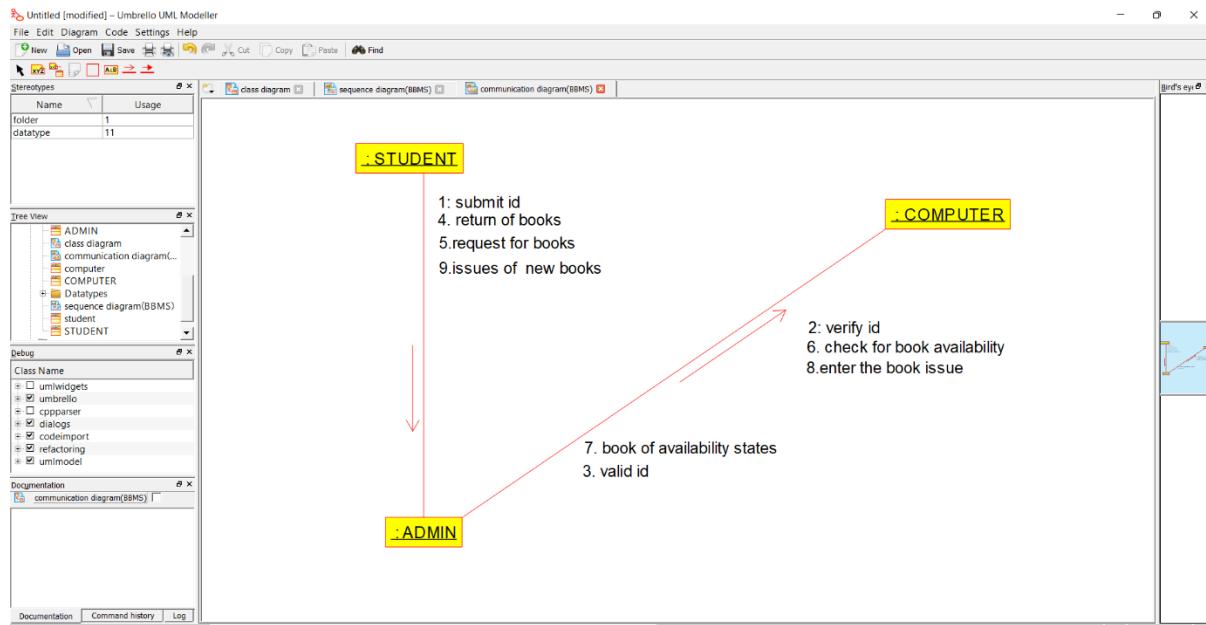


SEQUENCE DIAGRAM:

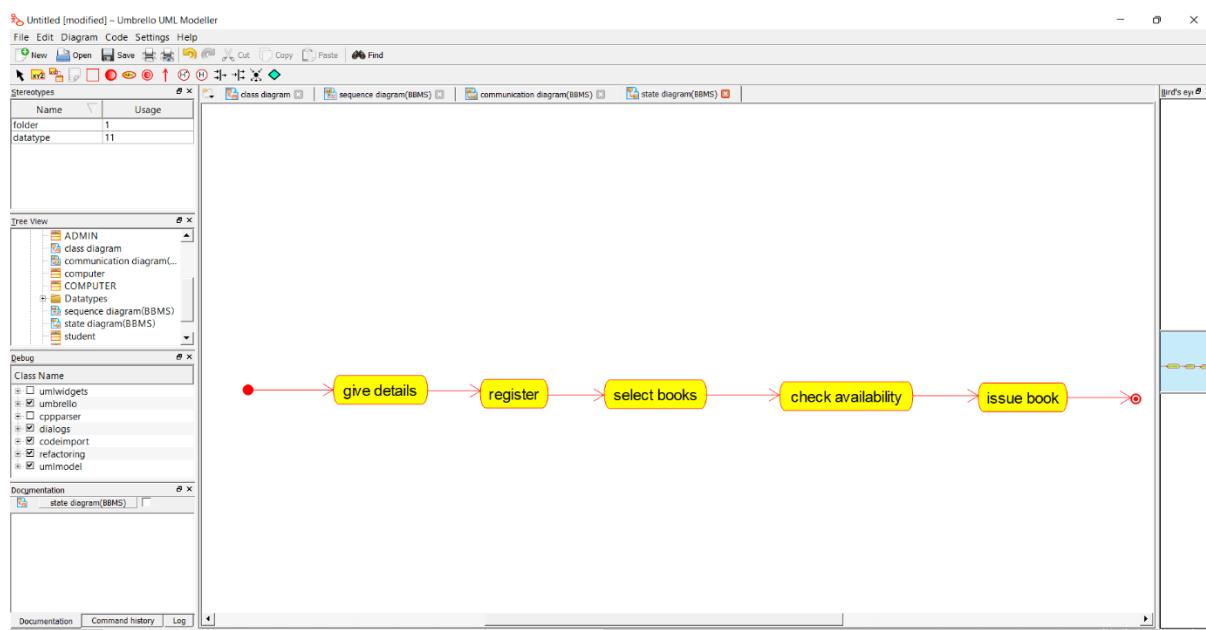


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COLLABORATION DIAGRAM:

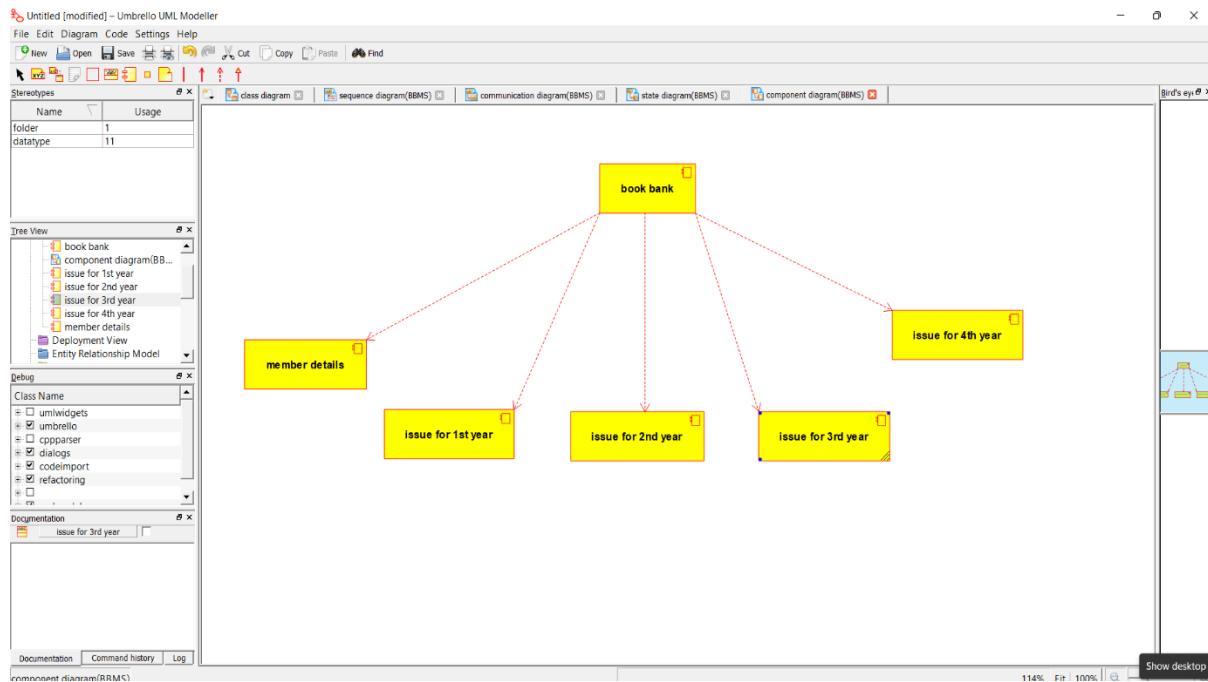


STATE CHART DIAGRAM:

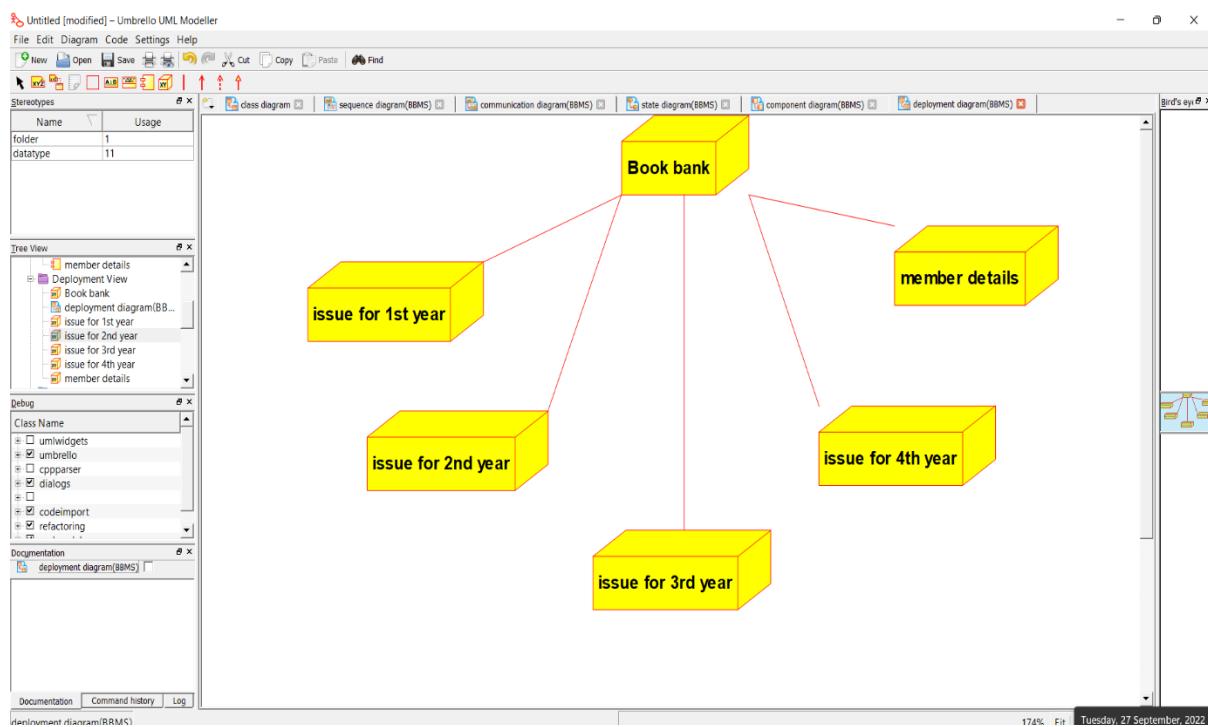


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COMPONENT DIAGRAM

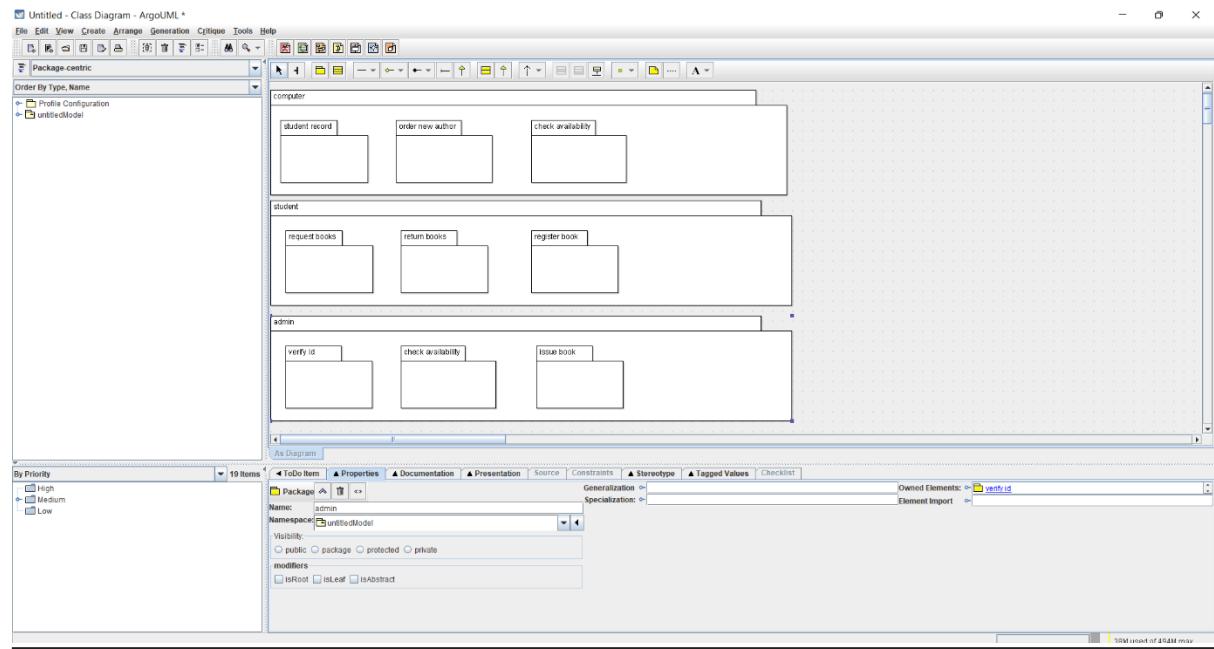


DEPLOYMENT DIAGRAM :



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PACKAGE DIAGRAM:



PROGRAM CODING:

ADMIN:

```
/**  
 * Class Admin  
 */  
  
public class Admin {  
  
    //  
    // Fields  
    //  
  
    private void student_details;  
    private void book_list;  
  
    //  
    // Constructors
```



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```
//  
public Admin () { };  
  
//  
// Methods  
//  
  
//  
// Accessor methods  
//  
/**  
 * Set the value of student_details  
 * @param newVar the new value of student_details  
 */  
private void setStudent_details (void newVar) {  
student_details = newVar;  
}  
/**  
 * Get the value of student_details  
 * @return the value of student_details  
 */  
private void getStudent_details () {  
return student_details;  
}  
/**  
 * Set the value of book_list  
 * @param newVar the new value of book_list  
 */  
private void setBook_list (void newVar) {  
book_list = newVar;  
}
```



```
/**  
 * Get the value of book_list  
 * @return the value of book_list  
 */  
  
private void getBook_list () {  
    return book_list;  
}  
  
//  
  
// Other methods  
  
//  
  
/**  
 */  
  
public void verify_student_id()  
{  
}  
  
//  
  
/**  
 */  
  
public void check_for_book_availability()  
{  
}  
  
}  
  
STUDENT:  
  
/**  
 * Class student  
 */  
  
public class student {  
  
//  
  
// Fields  
//
```



```
private void stud_details;

//  
// Constructors  
//  
public student () {};  
  
//  
// Methods  
//  
  
//  
// Accessor methods  
//  
  
/**  
 * Set the value of stud_details  
 * @param newVar the new value of stud_details  
 */  
private void setStud_details (void newVar) {  
stud_details = newVar;  
}  
/**  
 * Get the value of stud_details  
 * @return the value of stud_details  
 */  
private void getStud_details () {  
return stud_details;  
}  
//  
// Other methods
```



```
//  
  
/**  
 */  
public void request_for_books()  
{  
}  
}  
/**  
 */  
public void return_pervious_books()  
{  
}  
}  
/**  
 */  
public void register()  
{  
}  
}  
}
```

COMPUTER:

```
/**  
 * Class COMPUTER  
 */  
public class COMPUTER {  
  
//  
// Fields  
//  
  
private void Student_record;  
private void booklist;
```



Edit with WPS Office

```
//  
// Constructors  
//  
public COMPUTER () {};  
  
//  
// Methods  
//  
  
//  
// Accessor methods  
//  
  
/**  
 * Set the value of Student_record  
 * @param newVar the new value of Student_record  
 */  
private void setStudent_record (void newVar) {  
    Student_record = newVar;  
}  
  
/**  
 * Get the value of Student_record  
 * @return the value of Student_record  
 */  
private void getStudent_record () {  
    return Student_record;  
}  
  
/**
```



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```
* Set the value of booklist
* @param newVar the new value of booklist
*/
private void setBooklist (void newVar) {
    booklist = newVar;
}

/**
 * Get the value of booklist
 * @return the value of booklist
*/
private void getBooklist () {
    return booklist;
}

// Other methods
//

/**/
public void maintainstudrecord()
{
}

/**/
public void enter_issue()
{
```



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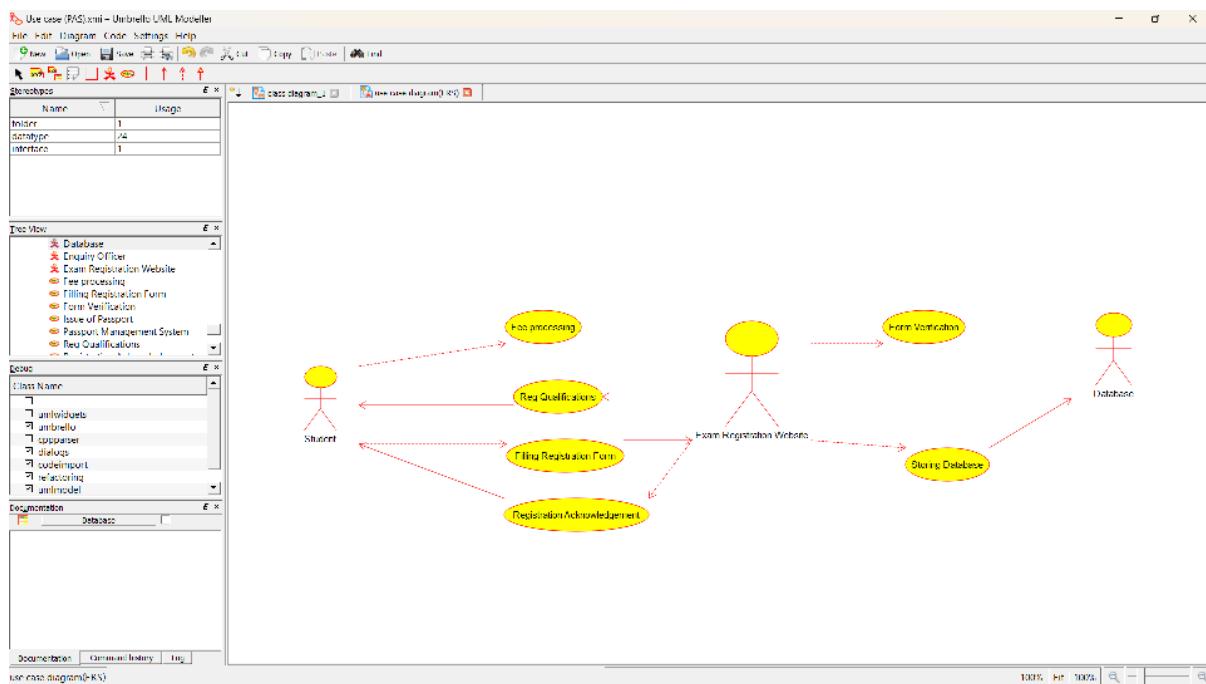
```
/**  
 */  
public void check_availability()  
{  
}
```



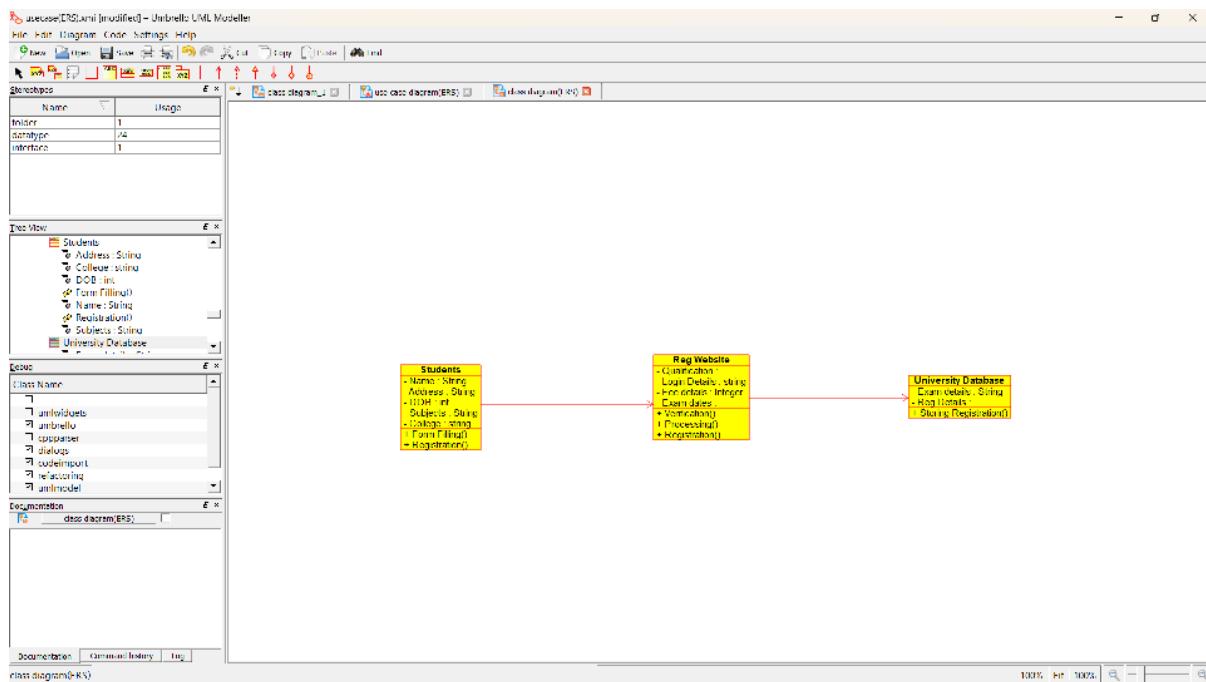
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EX NO: 3 EXAM REGISTRATION SYSTEM

USE CASE DIAGRAM:

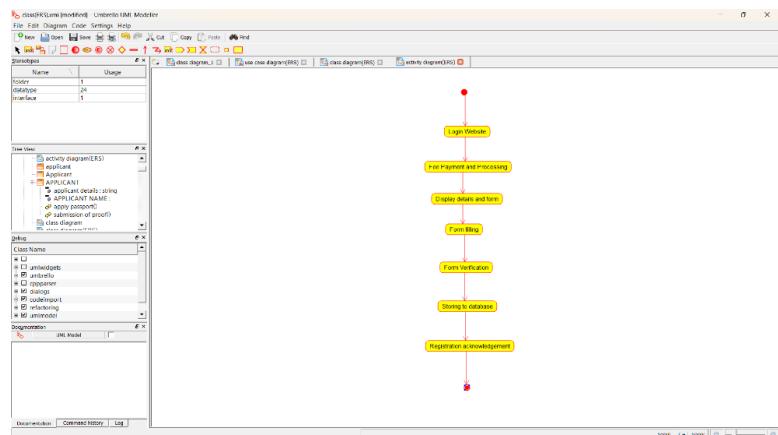


CLASS DIAGRAM:

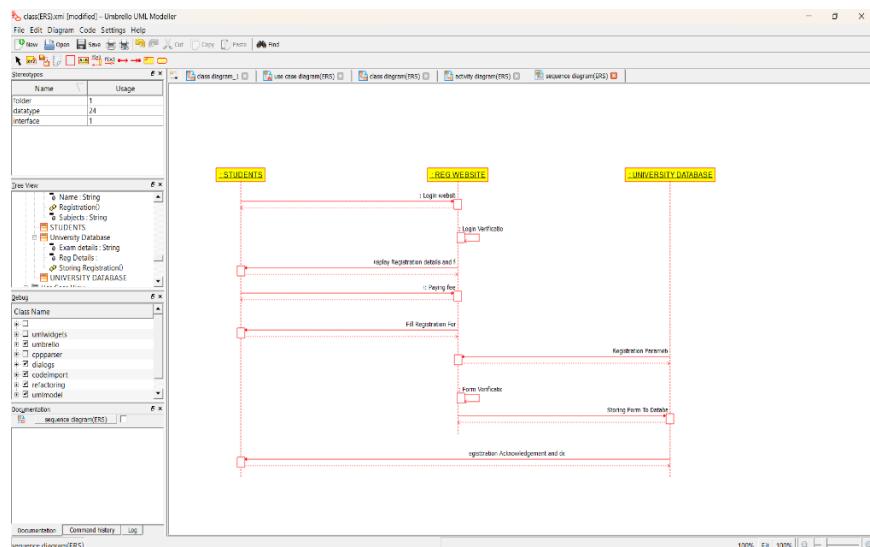


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ACTIVITY DIAGRAM:



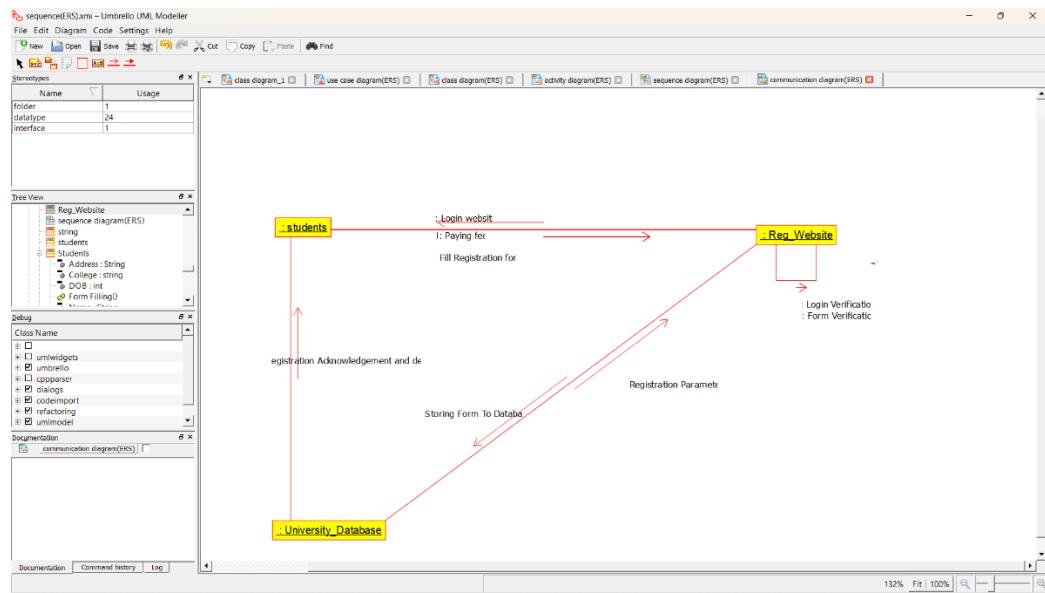
SEQUENCE DIAGRAM:



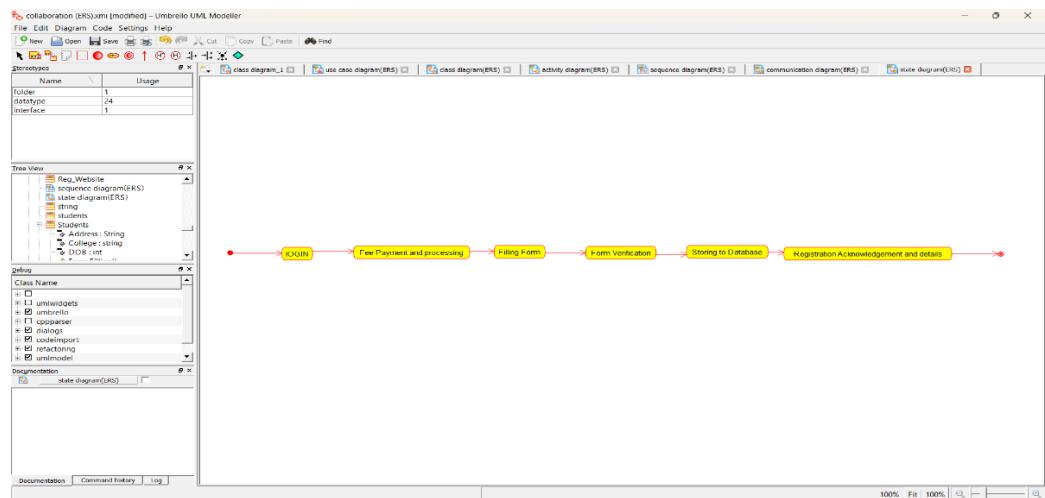
COLLABORATION DIAGRAM:



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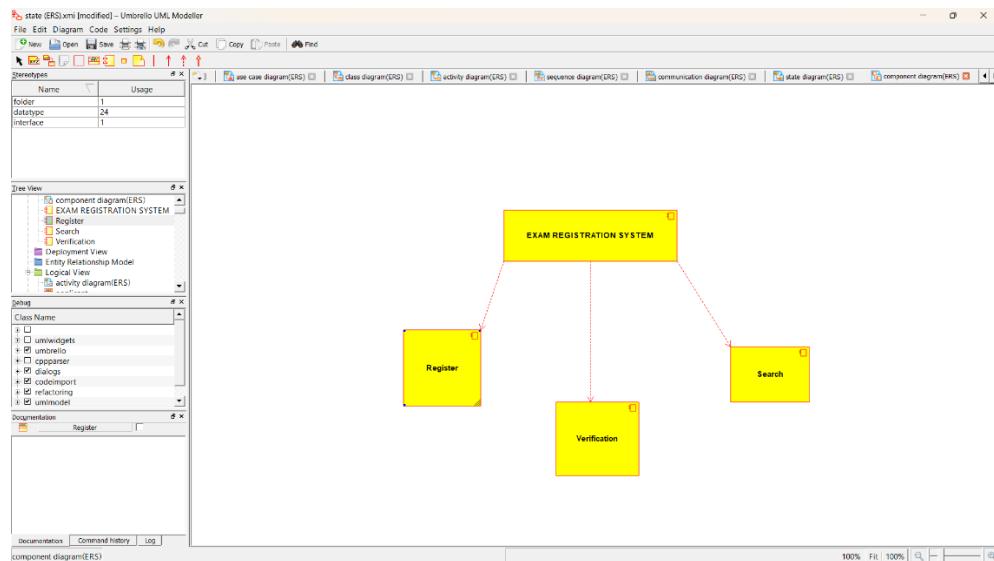
STATE DIAGRAM:



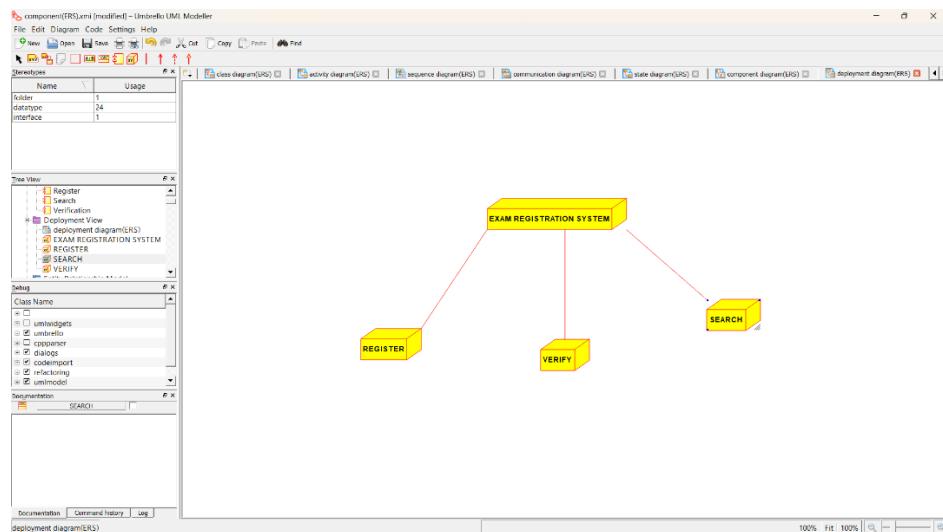
COMPONENT DIAGRAM:



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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
}
```



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```
//  
//  
// 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
    //

    //
    // Accessor methods
    //

    /**
     * Set the value of Exam_details
     * @param newVar the new value of Exam_details
     */
    private void setExam_details (String newVar) {
        Exam_details = newVar;
    }

    /**
     * Get the value of Exam_details
     * @return the value of Exam_details
     */
    private String getExam_details () {
        return Exam_details;
    }
}

```



```

}

/**
 * Set the value of Reg_Details
 * @param newVar the new value of Reg_Details
 */
private void setReg_Details (void newVar) {
Reg_Details = newVar;
}

/**
 * Get the value of Reg_Details
 * @return the value of Reg_Details
 */
private void getReg_Details () {
    return Reg_Details;
}

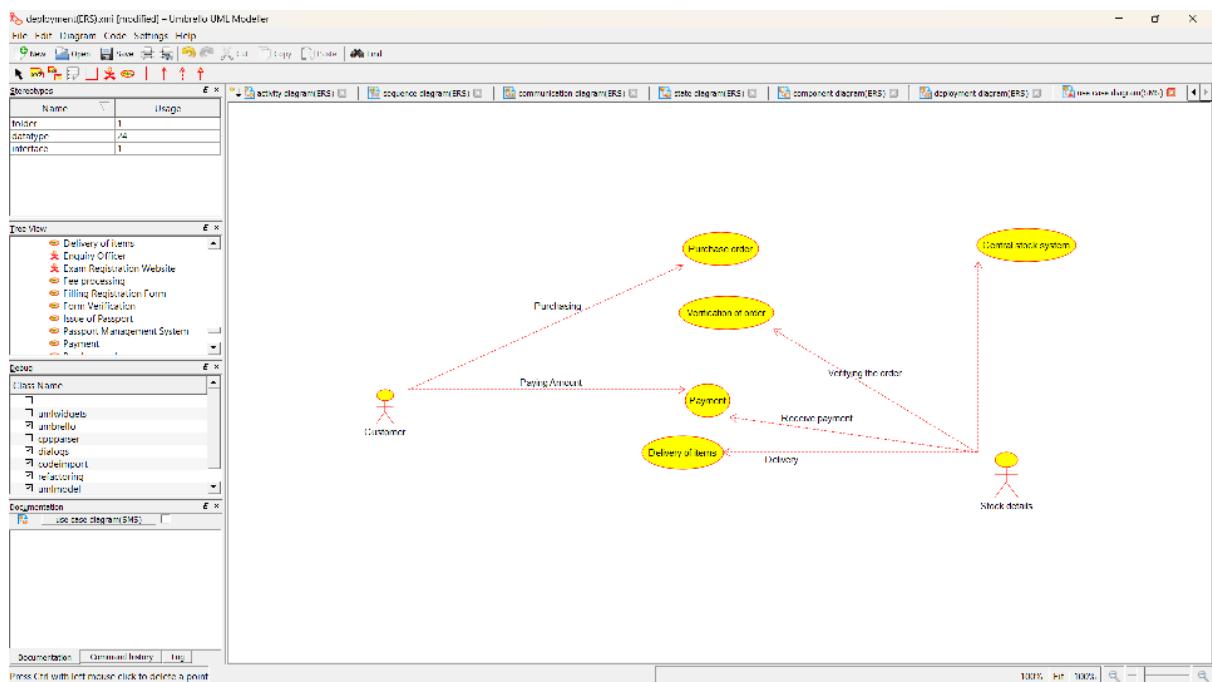
//
// Other methods
//

/**
 */
public void Storing_Registration()
{
}

```

EX:NO:4 STOCK MAINTAINANCE SYSTEM

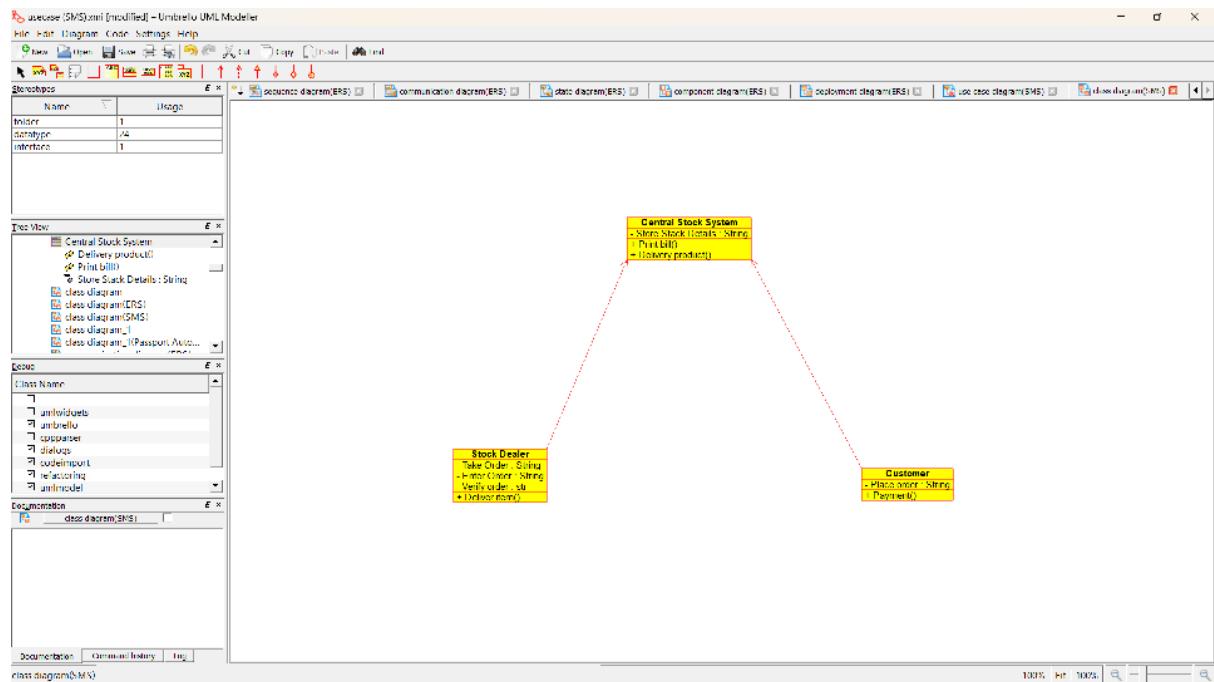
USECASE DIAGRAM:



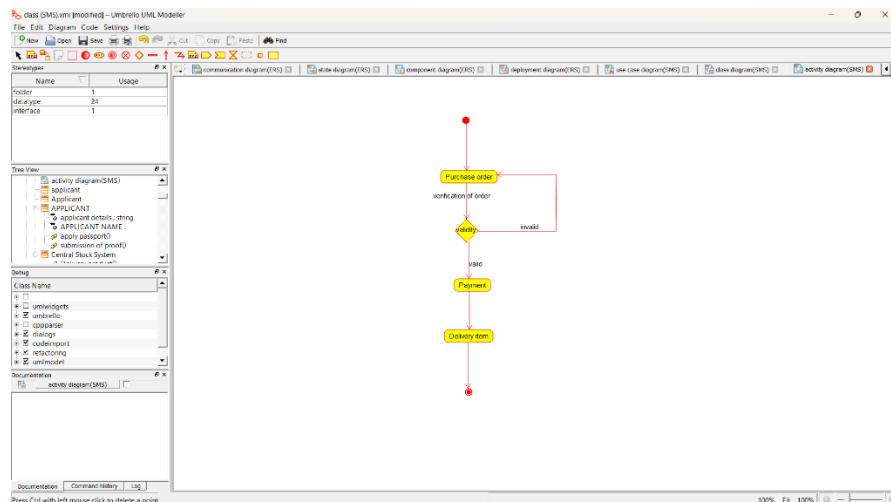
CLASS DIAGRAM:



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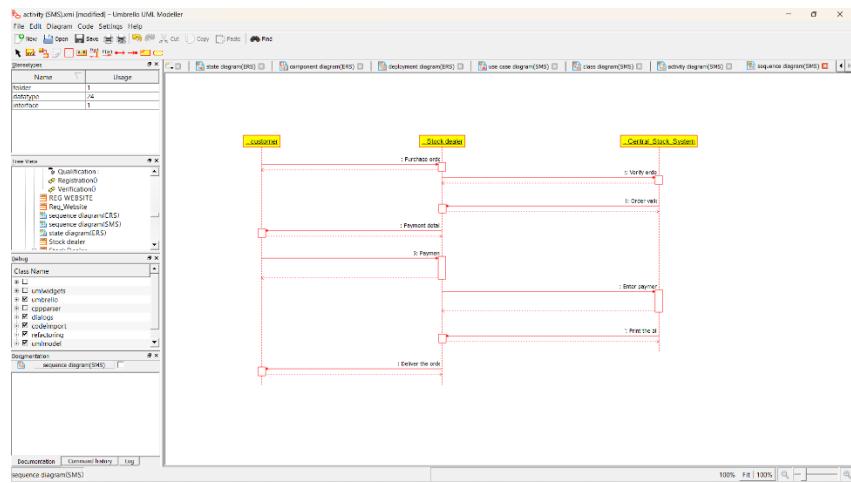
ACTIVITY DIAGRAM:



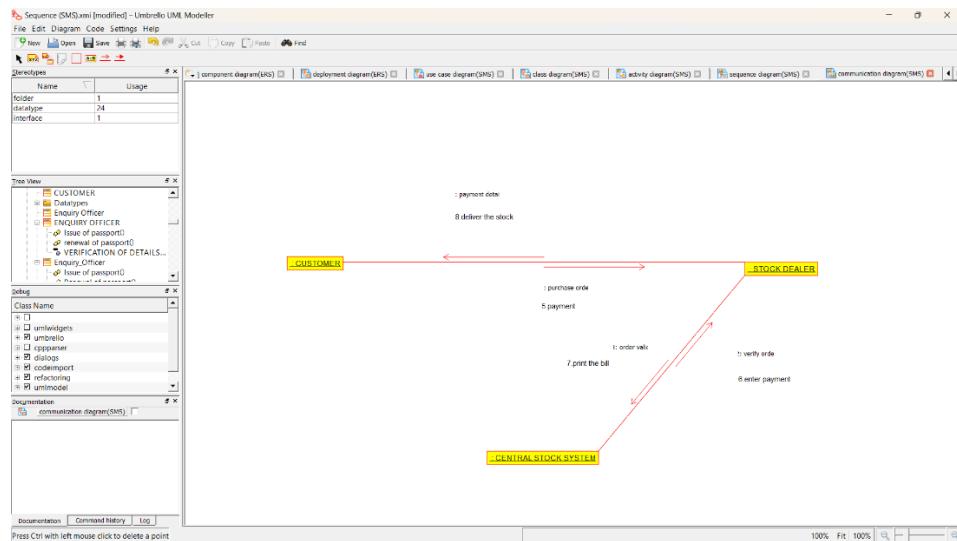
SEQUENCE DIAGRAM:



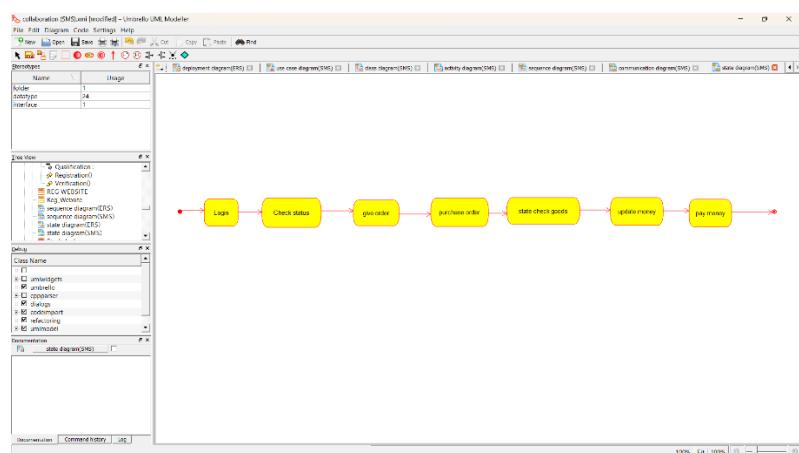
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COLLABORATION DIAGRAM:

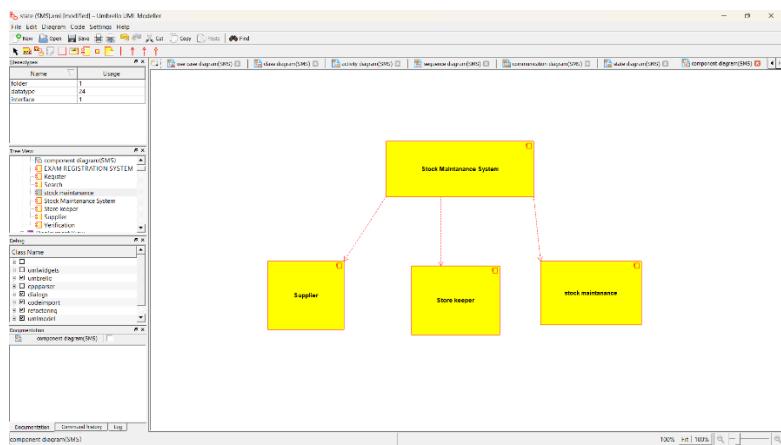


STATE DIAGRAM:

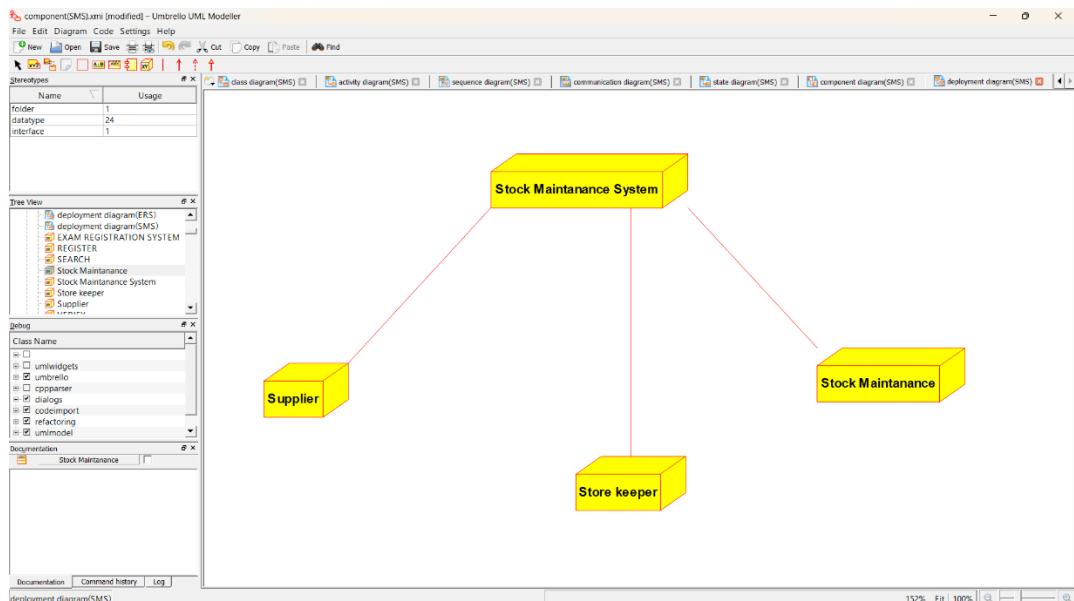


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COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



PROGRAM CODING:

```
/**  
 * Class Central_Stock_System  
 */  
public class Central_Stock_System {  
    //  
    // Fields  
    //  
    private String Store_Stack_Details;  
    //  
    // Constructors  
    //
```



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```

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) {

```

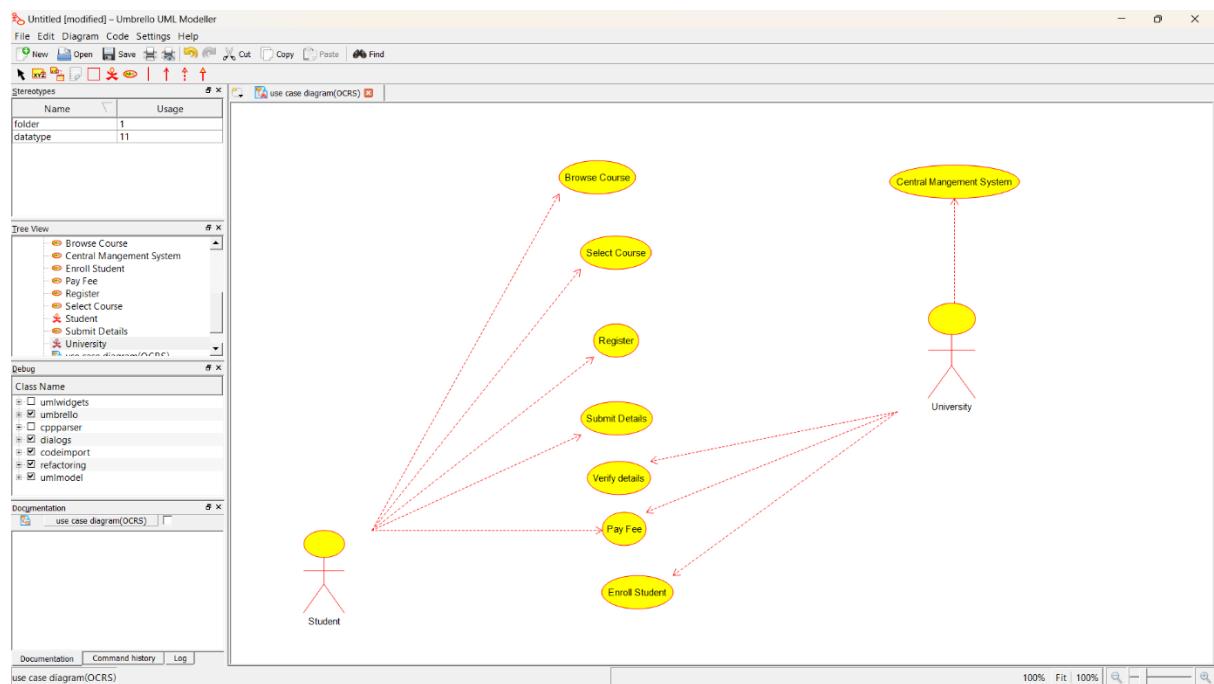


```
Enter_Order = newVar;
}
/**
 * Get the value of Enter_Order
 * @return the value of Enter_Order
 */
private String getEnter_Order () {
    return Enter_Order;
}
/**
 * Set the value of Verify_order
 * @param newVar the new value of Verify_order
 */
private void setVerify_order (str newVar) {
Verify_order = newVar;
}
/**
 * Get the value of Verify_order
 * @return the value of Verify_order
 */
private str getVerify_order () {
    return Verify_order;
}
//
// Other methods
//
/**
 */
public void Deliver_item()
{
}
/**
 * Class Customer
 */
public class Customer {
//
// Fields
//
private String Place_order;
//
// Constructors
//
public Customer () {};
//
// Methods
//
//
// Accessor methods
//
/**
 * Set the value of Place_order
 * @param newVar the new value of Place_order
 */
private void setPlace_order (String newVar) {
Place_order = newVar;
}
/**
 * Get the value of Place_order
 * @return the value of Place_order
 */
private String getPlace_order () {
    return Place_order;
}
//
// Other methods
//
/**
 */
public void Payment()
{
}
}
```

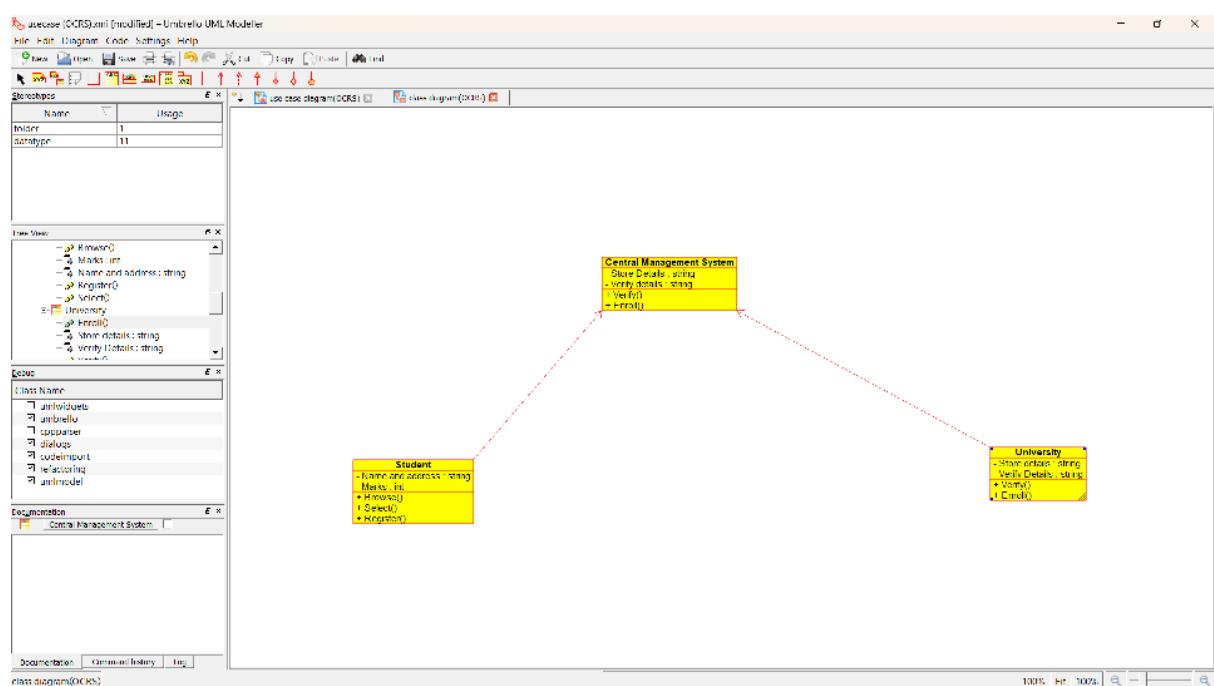


EX NO:5 ONLINE COURSE RESERVATION SYSTEM

USECASE DIAGRAM:

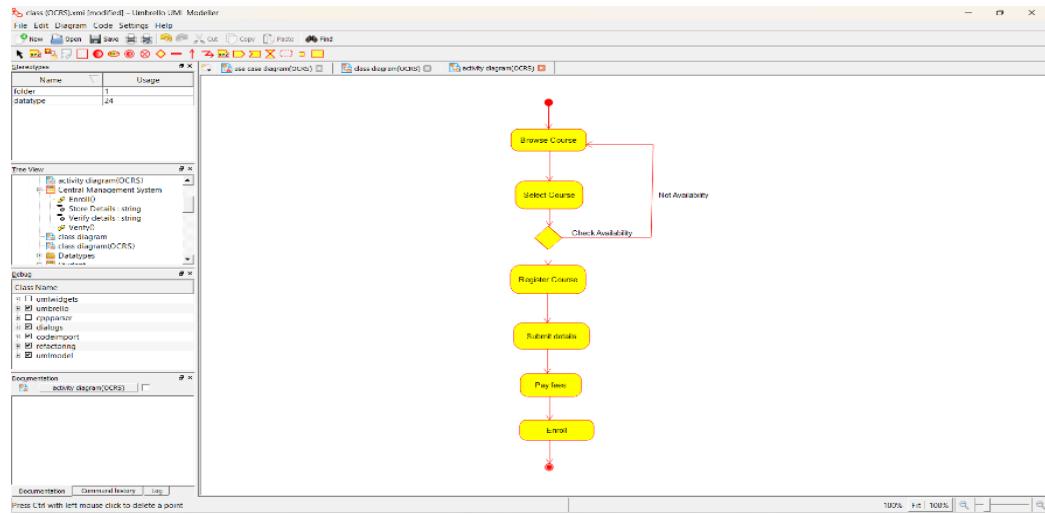


CLASS DIAGRAM:

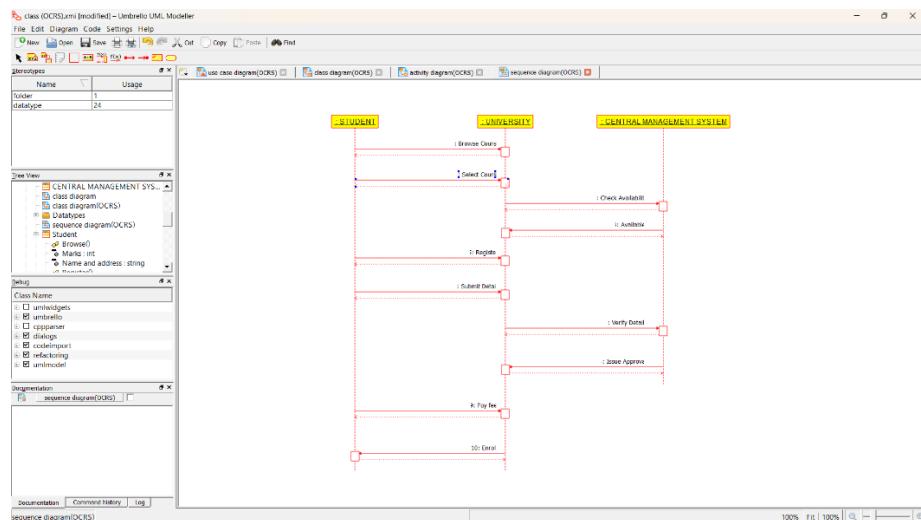


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ACTIVITY DIAGRAM:



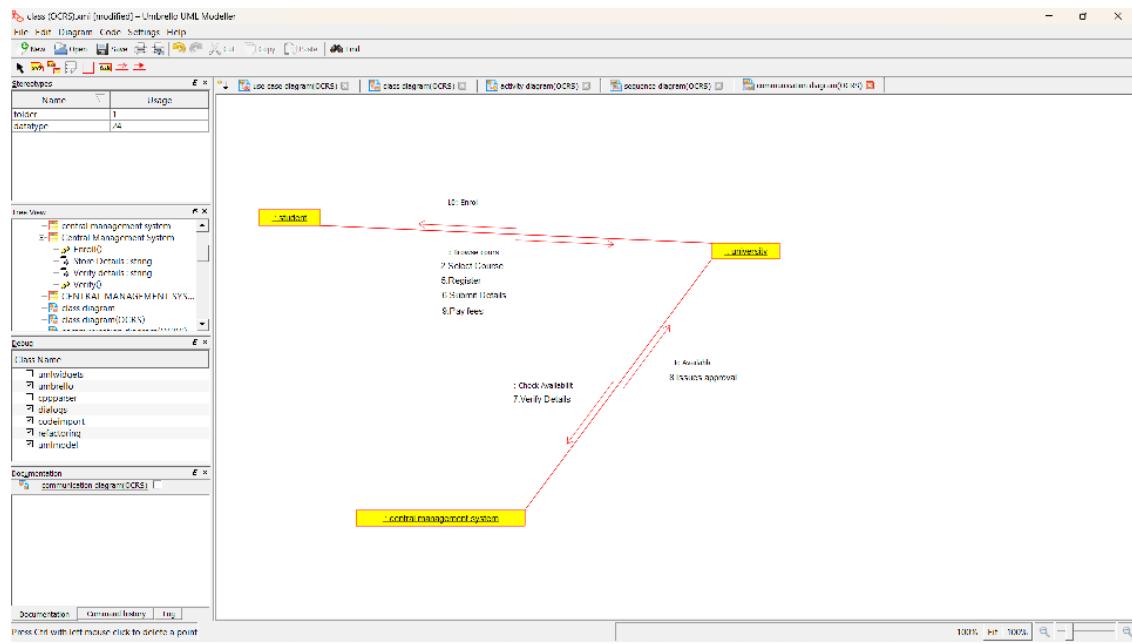
SEQUENCE DIAGRAM:



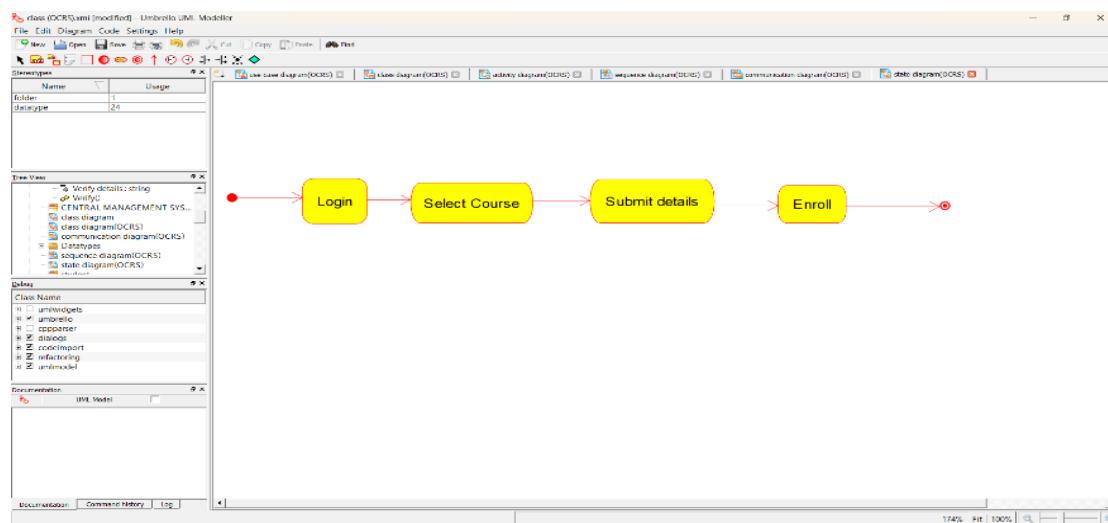
COLLABORATION DIAGRAM:



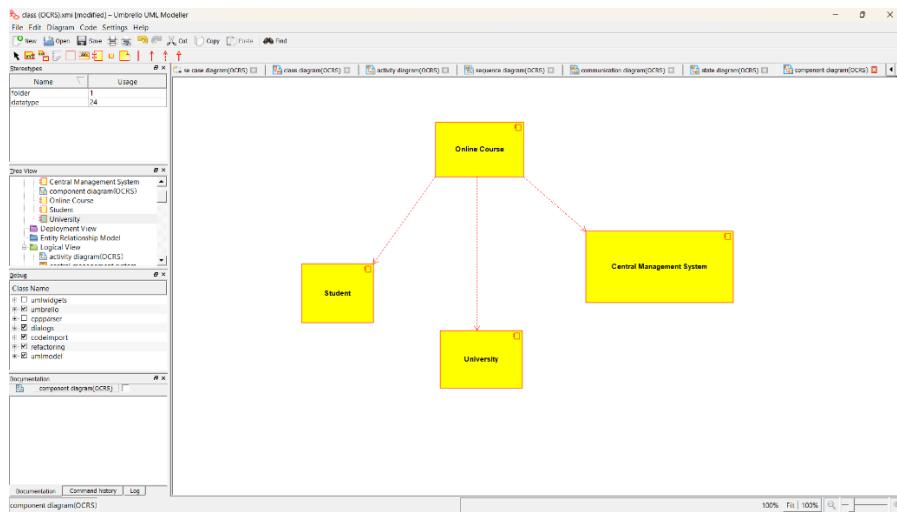
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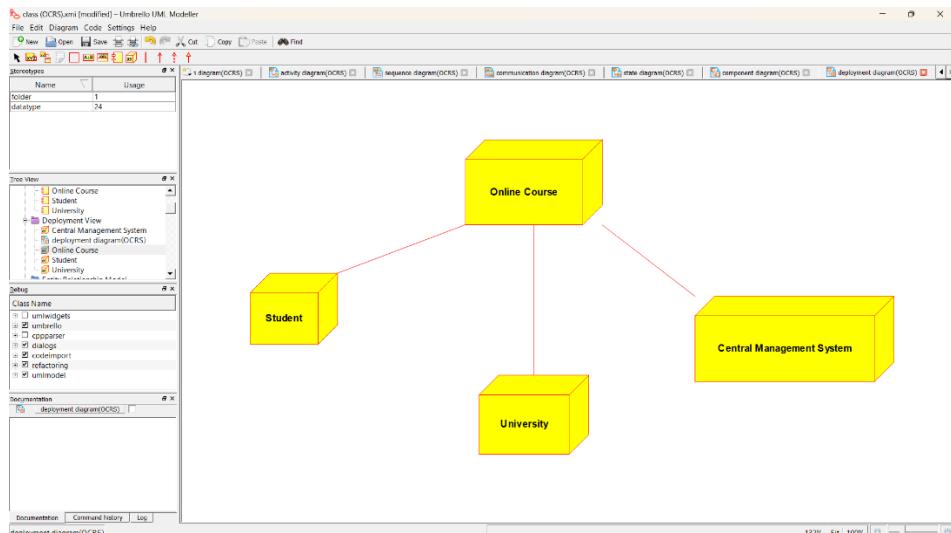
STATE DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:4



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
    //
}
```



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```

// 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()  
{  
}  
}
```



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