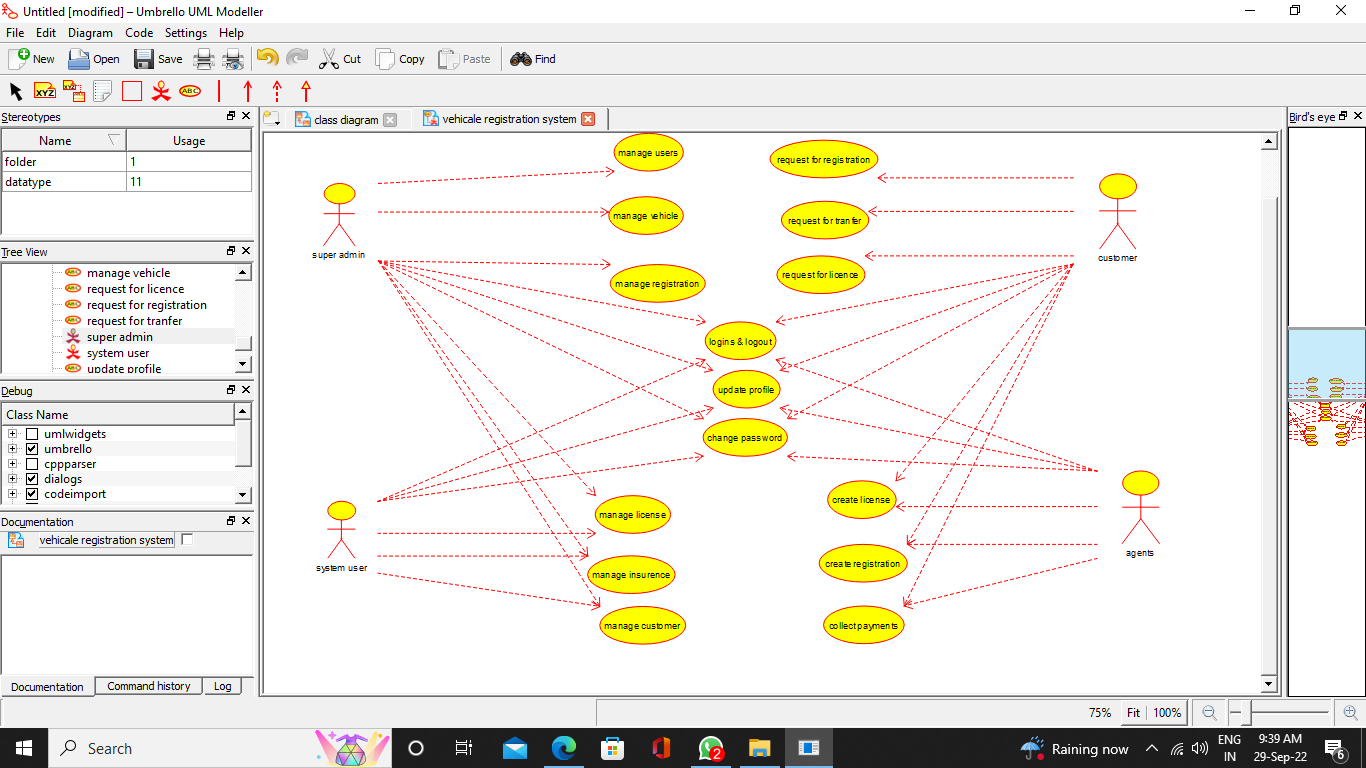
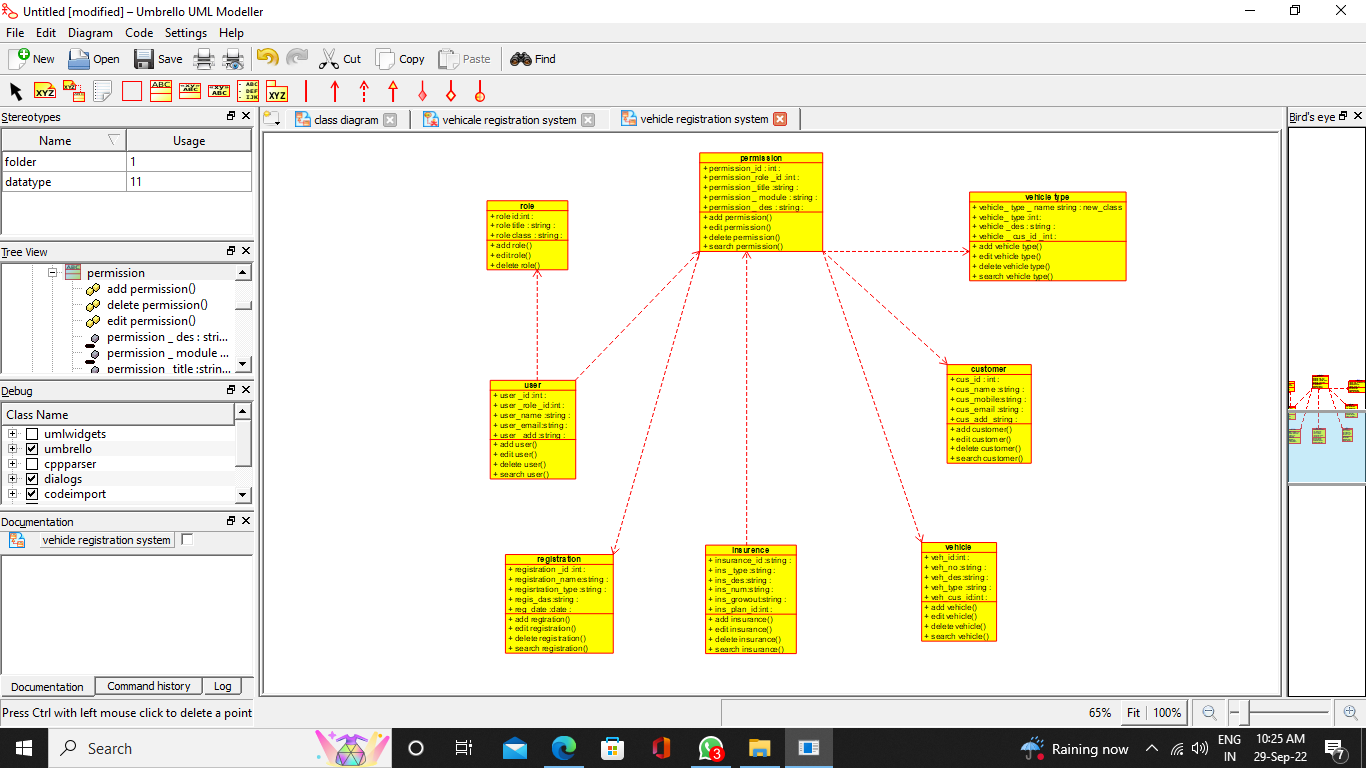
**EX N0:17 VEHICLE REGISTRATION SYSTEM**

**EDS CHAITANYA(192011372)**

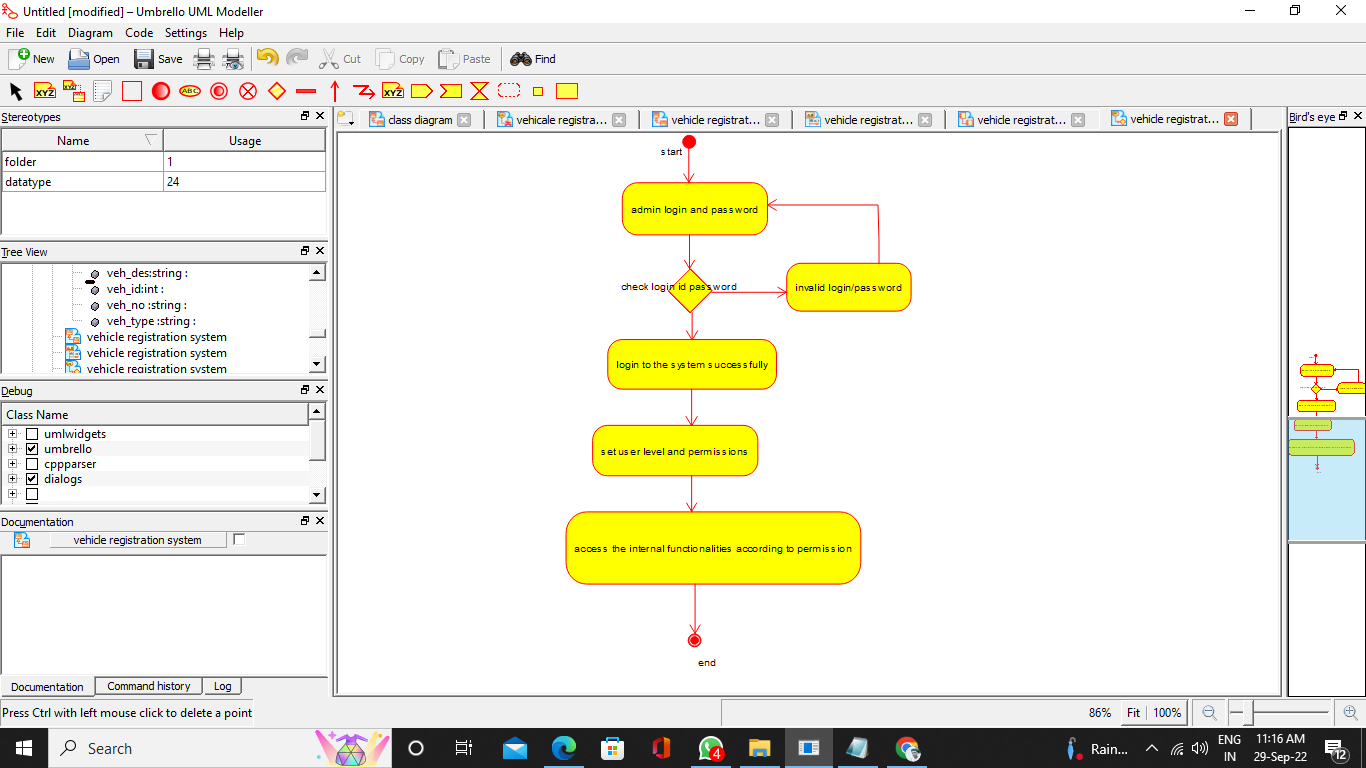
**USE CASE DIAGRAM**



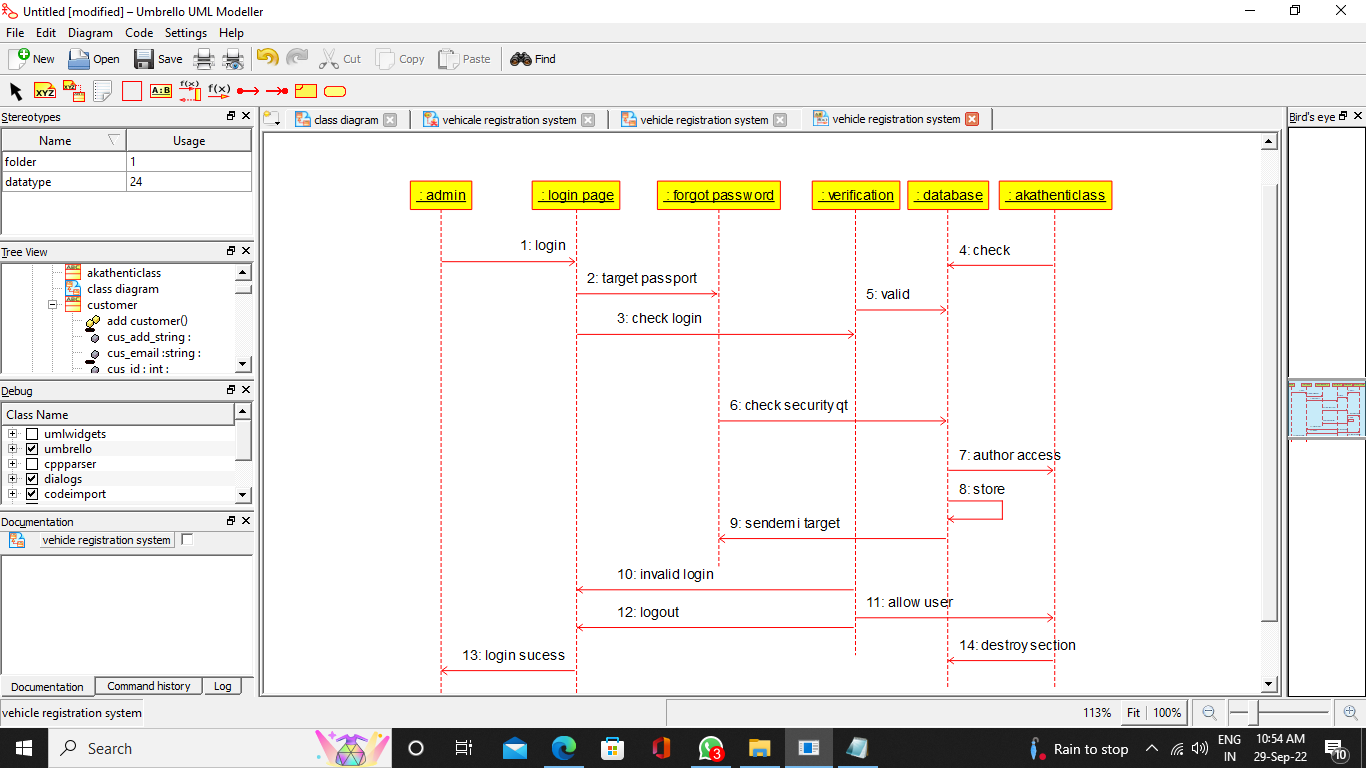
**CLASS DIAGRAM**



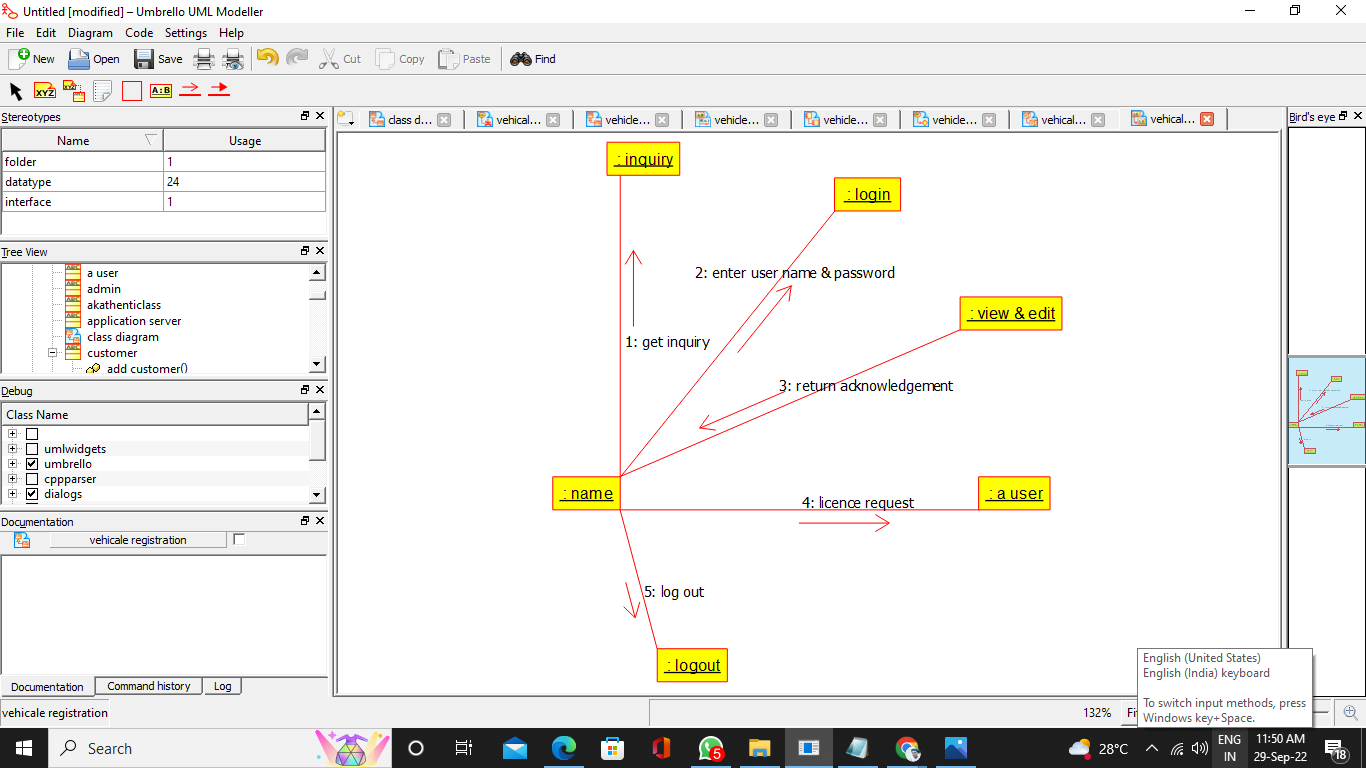
**ACTIVITY DIAGRAM**



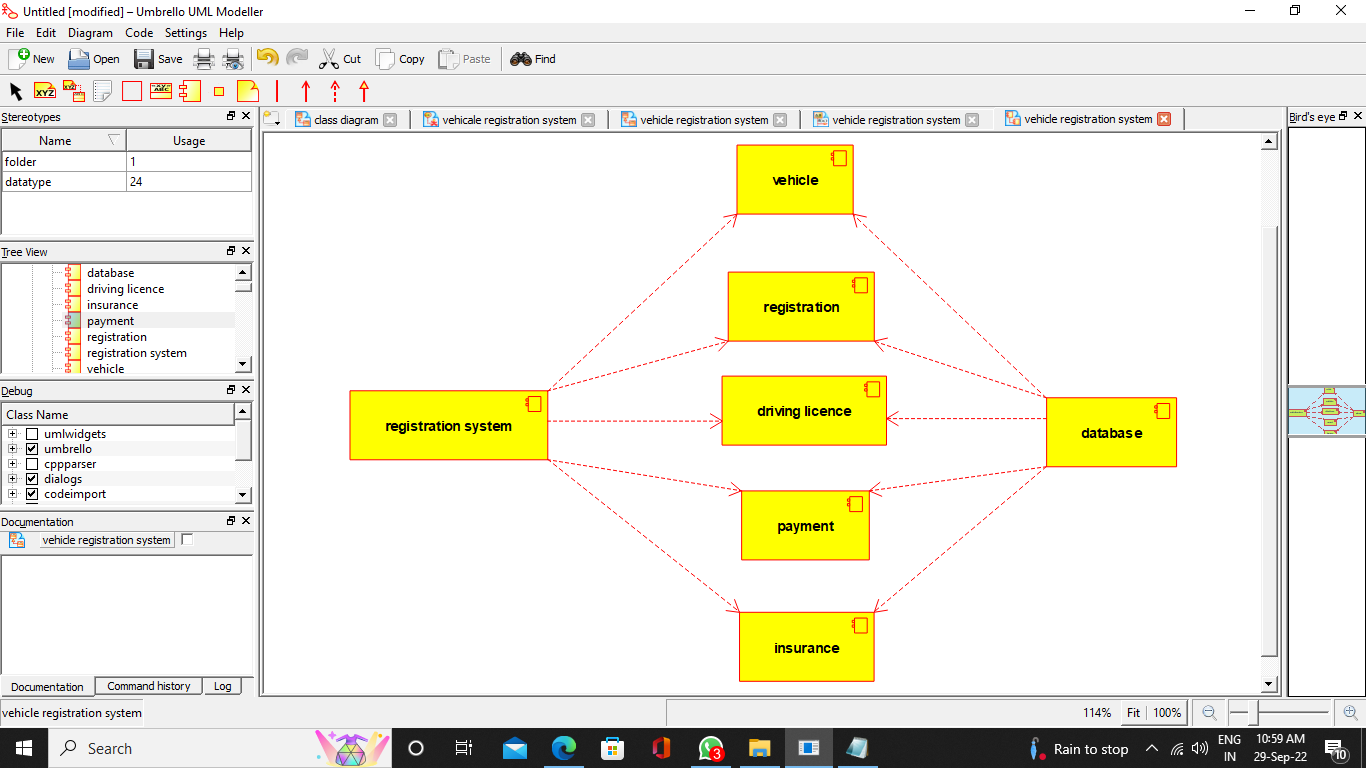
**SEQUENCE DIAGRAM**



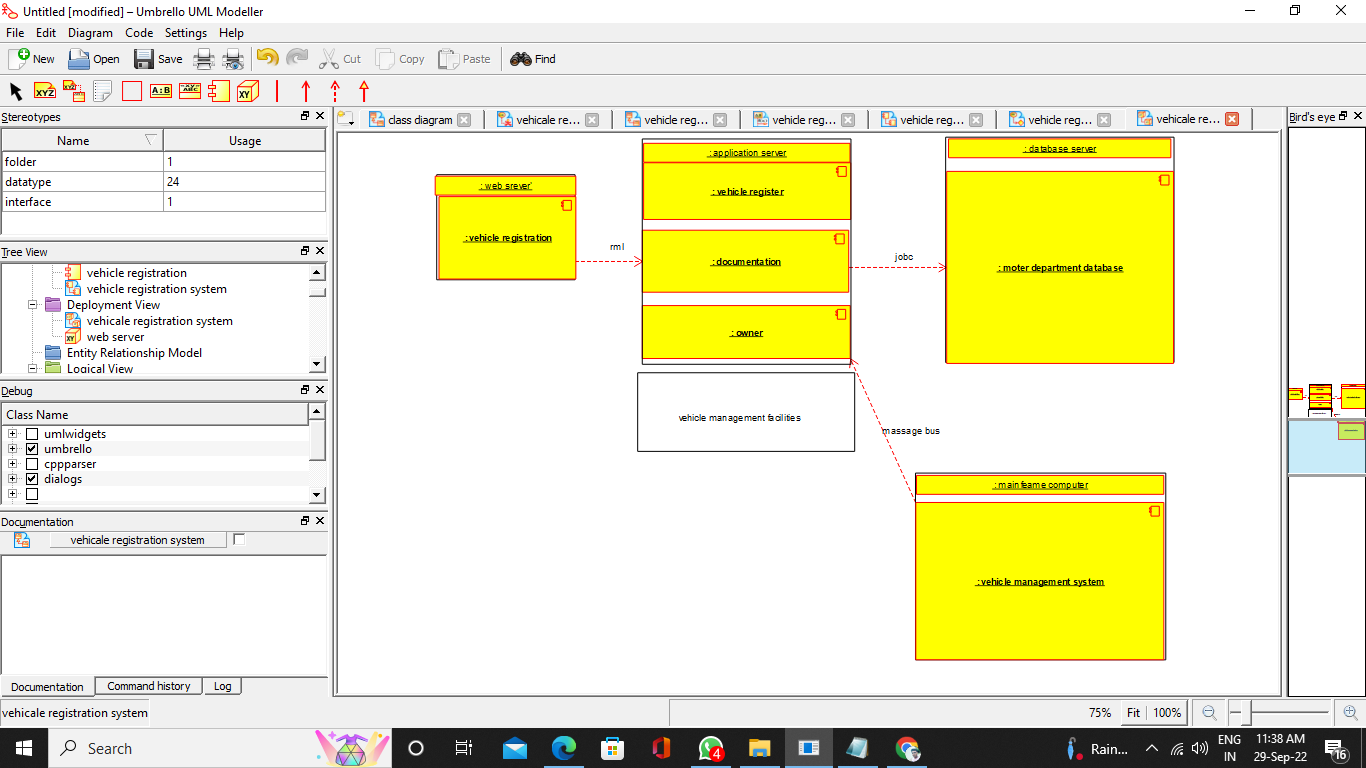
**COLLABORATION DIAGRAM**



**COMPONENT DIAGRAM**



**DEPLOYMENT DIAGRAM**



**PROGRAM CODE**

/\*\*

\* Class customer

\*/

public class customer {

//

// Fields

//

public void cus\_id\_int;

public void cus\_name\_string;

public void cus\_mobile\_string;

public void cus\_email\_string;

public void cus\_add\_string;

//

// Constructors

//

public customer () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of cus\_id\_int

\* @param newVar the new value of cus\_id\_int

\*/

public void setCus\_id\_int (void newVar) {

cus\_id\_int = newVar;

}

/\*\*

\* Get the value of cus\_id\_int

\* @return the value of cus\_id\_int

\*/

public void getCus\_id\_int () {

return cus\_id\_int;

}

/\*\*

\* Set the value of cus\_name\_string

\* @param newVar the new value of cus\_name\_string

\*/

public void setCus\_name\_string (void newVar) {

cus\_name\_string = newVar;

}

/\*\*

\* Get the value of cus\_name\_string

\* @return the value of cus\_name\_string

\*/

public void getCus\_name\_string () {

return cus\_name\_string;

}

/\*\*

\* Set the value of cus\_mobile\_string

\* @param newVar the new value of cus\_mobile\_string

\*/

public void setCus\_mobile\_string (void newVar) {

cus\_mobile\_string = newVar;

}

/\*\*

\* Get the value of cus\_mobile\_string

\* @return the value of cus\_mobile\_string

\*/

public void getCus\_mobile\_string () {

return cus\_mobile\_string;

}

/\*\*

\* Set the value of cus\_email\_string

\* @param newVar the new value of cus\_email\_string

\*/

public void setCus\_email\_string (void newVar) {

cus\_email\_string = newVar;

}

/\*\*

\* Get the value of cus\_email\_string

\* @return the value of cus\_email\_string

\*/

public void getCus\_email\_string () {

return cus\_email\_string;

}

/\*\*

\* Set the value of cus\_add\_string

\* @param newVar the new value of cus\_add\_string

\*/

public void setCus\_add\_string (void newVar) {

cus\_add\_string = newVar;

}

/\*\*

\* Get the value of cus\_add\_string

\* @return the value of cus\_add\_string

\*/

public void getCus\_add\_string () {

return cus\_add\_string;

}

//

// Other methods

//

/\*\*

\*/

public void add\_customer()

{

}

/\*\*

\*/

public void edit\_customer()

{

}

/\*\*

\*/

public void delete\_customer()

{

}

/\*\*

\*/

public void search\_customer()

{

}

}

/\*\*

\* Class insurence

\*/

public class insurence {

//

// Fields

//

public void insurance\_id\_string;

public void ins\_\_type\_string;

public void ins\_des\_string;

public void ins\_num\_string;

public void ins\_growout\_string;

public void ins\_plan\_id\_int;

//

// Constructors

//

public insurence () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of insurance\_id\_string

\* @param newVar the new value of insurance\_id\_string

\*/

public void setInsurance\_id\_string (void newVar) {

insurance\_id\_string = newVar;

}

/\*\*

\* Get the value of insurance\_id\_string

\* @return the value of insurance\_id\_string

\*/

public void getInsurance\_id\_string () {

return insurance\_id\_string;

}

/\*\*

\* Set the value of ins\_\_type\_string

\* @param newVar the new value of ins\_\_type\_string

\*/

public void setIns\_\_type\_string (void newVar) {

ins\_\_type\_string = newVar;

}

/\*\*

\* Get the value of ins\_\_type\_string

\* @return the value of ins\_\_type\_string

\*/

public void getIns\_\_type\_string () {

return ins\_\_type\_string;

}

/\*\*

\* Set the value of ins\_des\_string

\* @param newVar the new value of ins\_des\_string

\*/

public void setIns\_des\_string (void newVar) {

ins\_des\_string = newVar;

}

/\*\*

\* Get the value of ins\_des\_string

\* @return the value of ins\_des\_string

\*/

public void getIns\_des\_string () {

return ins\_des\_string;

}

/\*\*

\* Set the value of ins\_num\_string

\* @param newVar the new value of ins\_num\_string

\*/

public void setIns\_num\_string (void newVar) {

ins\_num\_string = newVar;

}

/\*\*

\* Get the value of ins\_num\_string

\* @return the value of ins\_num\_string

\*/

public void getIns\_num\_string () {

return ins\_num\_string;

}

/\*\*

\* Set the value of ins\_growout\_string

\* @param newVar the new value of ins\_growout\_string

\*/

public void setIns\_growout\_string (void newVar) {

ins\_growout\_string = newVar;

}

/\*\*

\* Get the value of ins\_growout\_string

\* @return the value of ins\_growout\_string

\*/

public void getIns\_growout\_string () {

return ins\_growout\_string;

}

/\*\*

\* Set the value of ins\_plan\_id\_int

\* @param newVar the new value of ins\_plan\_id\_int

\*/

public void setIns\_plan\_id\_int (void newVar) {

ins\_plan\_id\_int = newVar;

}

/\*\*

\* Get the value of ins\_plan\_id\_int

\* @return the value of ins\_plan\_id\_int

\*/

public void getIns\_plan\_id\_int () {

return ins\_plan\_id\_int;

}

//

// Other methods

//

/\*\*

\*/

public void add\_insurance()

{

}

/\*\*

\*/

public void edit\_insurance()

{

}

/\*\*

\*/

public void delete\_insurance()

{

}

/\*\*

\*/

public void search\_insurance()

{

}

}

/\*\*

\* Class permission

\*/

public class permission {

//

// Fields

//

public void permission\_id\_int;

public void permission\_role\_\_id\_int;

public void permission\_\_title\_string;

public void permission\_\_\_module\_string;

public void permission\_\_\_des\_string;

//

// Constructors

//

public permission () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of permission\_id\_int

\* @param newVar the new value of permission\_id\_int

\*/

public void setPermission\_id\_int (void newVar) {

permission\_id\_int = newVar;

}

/\*\*

\* Get the value of permission\_id\_int

\* @return the value of permission\_id\_int

\*/

public void getPermission\_id\_int () {

return permission\_id\_int;

}

/\*\*

\* Set the value of permission\_role\_\_id\_int

\* @param newVar the new value of permission\_role\_\_id\_int

\*/

public void setPermission\_role\_\_id\_int (void newVar) {

permission\_role\_\_id\_int = newVar;

}

/\*\*

\* Get the value of permission\_role\_\_id\_int

\* @return the value of permission\_role\_\_id\_int

\*/

public void getPermission\_role\_\_id\_int () {

return permission\_role\_\_id\_int;

}

/\*\*

\* Set the value of permission\_\_title\_string

\* @param newVar the new value of permission\_\_title\_string

\*/

public void setPermission\_\_title\_string (void newVar) {

permission\_\_title\_string = newVar;

}

/\*\*

\* Get the value of permission\_\_title\_string

\* @return the value of permission\_\_title\_string

\*/

public void getPermission\_\_title\_string () {

return permission\_\_title\_string;

}

/\*\*

\* Set the value of permission\_\_\_module\_string

\* @param newVar the new value of permission\_\_\_module\_string

\*/

public void setPermission\_\_\_module\_string (void newVar) {

permission\_\_\_module\_string = newVar;

}

/\*\*

\* Get the value of permission\_\_\_module\_string

\* @return the value of permission\_\_\_module\_string

\*/

public void getPermission\_\_\_module\_string () {

return permission\_\_\_module\_string;

}

/\*\*

\* Set the value of permission\_\_\_des\_string

\* @param newVar the new value of permission\_\_\_des\_string

\*/

public void setPermission\_\_\_des\_string (void newVar) {

permission\_\_\_des\_string = newVar;

}

/\*\*

\* Get the value of permission\_\_\_des\_string

\* @return the value of permission\_\_\_des\_string

\*/

public void getPermission\_\_\_des\_string () {

return permission\_\_\_des\_string;

}

//

// Other methods

//

/\*\*

\*/

public void add\_permission()

{

}

/\*\*

\*/

public void edit\_permission()

{

}

/\*\*

\*/

public void delete\_permission()

{

}

/\*\*

\*/

public void search\_permission()

{

}

}

/\*\*

\* Class registration

\*/

public class registration {

//

// Fields

//

public void registration\_\_id\_int;

public void registration\_name\_string;

public void regisrtration\_type\_string;

public void regis\_das\_string;

public void reg\_date\_date;

//

// Constructors

//

public registration () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of registration\_\_id\_int

\* @param newVar the new value of registration\_\_id\_int

\*/

public void setRegistration\_\_id\_int (void newVar) {

registration\_\_id\_int = newVar;

}

/\*\*

\* Get the value of registration\_\_id\_int

\* @return the value of registration\_\_id\_int

\*/

public void getRegistration\_\_id\_int () {

return registration\_\_id\_int;

}

/\*\*

\* Set the value of registration\_name\_string

\* @param newVar the new value of registration\_name\_string

\*/

public void setRegistration\_name\_string (void newVar) {

registration\_name\_string = newVar;

}

/\*\*

\* Get the value of registration\_name\_string

\* @return the value of registration\_name\_string

\*/

public void getRegistration\_name\_string () {

return registration\_name\_string;

}

/\*\*

\* Set the value of regisrtration\_type\_string

\* @param newVar the new value of regisrtration\_type\_string

\*/

public void setRegisrtration\_type\_string (void newVar) {

regisrtration\_type\_string = newVar;

}

/\*\*

\* Get the value of regisrtration\_type\_string

\* @return the value of regisrtration\_type\_string

\*/

public void getRegisrtration\_type\_string () {

return regisrtration\_type\_string;

}

/\*\*

\* Set the value of regis\_das\_string

\* @param newVar the new value of regis\_das\_string

\*/

public void setRegis\_das\_string (void newVar) {

regis\_das\_string = newVar;

}

/\*\*

\* Get the value of regis\_das\_string

\* @return the value of regis\_das\_string

\*/

public void getRegis\_das\_string () {

return regis\_das\_string;

}

/\*\*

\* Set the value of reg\_date\_date

\* @param newVar the new value of reg\_date\_date

\*/

public void setReg\_date\_date (void newVar) {

reg\_date\_date = newVar;

}

/\*\*

\* Get the value of reg\_date\_date

\* @return the value of reg\_date\_date

\*/

public void getReg\_date\_date () {

return reg\_date\_date;

}

//

// Other methods

//

/\*\*

\*/

public void add\_regtration()

{

}

/\*\*

\*/

public void edit\_registration()

{

}

/\*\*

\*/

public void delete\_registration()

{

}

/\*\*

\*/

public void search\_registration()

{

}

}

/\*\*

\* Class role

\*/

public class role {

//

// Fields

//

public void role\_id\_int;

public void role\_title\_string;

public void role\_class\_string;

//

// Constructors

//

public role () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of role\_id\_int

\* @param newVar the new value of role\_id\_int

\*/

public void setRole\_id\_int (void newVar) {

role\_id\_int = newVar;

}

/\*\*

\* Get the value of role\_id\_int

\* @return the value of role\_id\_int

\*/

public void getRole\_id\_int () {

return role\_id\_int;

}

/\*\*

\* Set the value of role\_title\_string

\* @param newVar the new value of role\_title\_string

\*/

public void setRole\_title\_string (void newVar) {

role\_title\_string = newVar;

}

/\*\*

\* Get the value of role\_title\_string

\* @return the value of role\_title\_string

\*/

public void getRole\_title\_string () {

return role\_title\_string;

}

/\*\*

\* Set the value of role\_class\_string

\* @param newVar the new value of role\_class\_string

\*/

public void setRole\_class\_string (void newVar) {

role\_class\_string = newVar;

}

/\*\*

\* Get the value of role\_class\_string

\* @return the value of role\_class\_string

\*/

public void getRole\_class\_string () {

return role\_class\_string;

}

//

// Other methods

//

/\*\*

\*/

public void add\_role()

{

}

/\*\*

\*/

public void edit\_role()

{

}

/\*\*

\*/

public void delete\_role()

{

}

}

/\*\*

\* Class user

\*/

public class user {

//

// Fields

//

public void user\_\_id\_int;

public void user\_\_role\_\_id\_int;

public void user\_name\_string;

public void user\_email\_string;

public void user\_\_add\_string;

//

// Constructors

//

public user () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of user\_\_id\_int

\* @param newVar the new value of user\_\_id\_int

\*/

public void setUser\_\_id\_int (void newVar) {

user\_\_id\_int = newVar;

}

/\*\*

\* Get the value of user\_\_id\_int

\* @return the value of user\_\_id\_int

\*/

public void getUser\_\_id\_int () {

return user\_\_id\_int;

}

/\*\*

\* Set the value of user\_\_role\_\_id\_int

\* @param newVar the new value of user\_\_role\_\_id\_int

\*/

public void setUser\_\_role\_\_id\_int (void newVar) {

user\_\_role\_\_id\_int = newVar;

}

/\*\*

\* Get the value of user\_\_role\_\_id\_int

\* @return the value of user\_\_role\_\_id\_int

\*/

public void getUser\_\_role\_\_id\_int () {

return user\_\_role\_\_id\_int;

}

/\*\*

\* Set the value of user\_name\_string

\* @param newVar the new value of user\_name\_string

\*/

public void setUser\_name\_string (void newVar) {

user\_name\_string = newVar;

}

/\*\*

\* Get the value of user\_name\_string

\* @return the value of user\_name\_string

\*/

public void getUser\_name\_string () {

return user\_name\_string;

}

/\*\*

\* Set the value of user\_email\_string

\* @param newVar the new value of user\_email\_string

\*/

public void setUser\_email\_string (void newVar) {

user\_email\_string = newVar;

}

/\*\*

\* Get the value of user\_email\_string

\* @return the value of user\_email\_string

\*/

public void getUser\_email\_string () {

return user\_email\_string;

}

/\*\*

\* Set the value of user\_\_add\_string

\* @param newVar the new value of user\_\_add\_string

\*/

public void setUser\_\_add\_string (void newVar) {

user\_\_add\_string = newVar;

}

/\*\*

\* Get the value of user\_\_add\_string

\* @return the value of user\_\_add\_string

\*/

public void getUser\_\_add\_string () {

return user\_\_add\_string;

}

//

// Other methods

//

/\*\*

\*/

public void add\_user()

{

}

/\*\*

\*/

public void edit\_user()

{

}

/\*\*

\*/

public void delete\_user()

{

}

/\*\*

\*/

public void search\_user()

{

}

}

/\*\*

\* Class vehicle\_type

\*/

public class vehicle\_type {

//

// Fields

//

public new\_class vehicle\_\_type\_\_\_name\_string;

public void vehicle\_\_type\_int;

public void vehicle\_\_des\_string;

public void vehicle\_\_\_cus\_id\_\_int;

//

// Constructors

//

public vehicle\_type () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of vehicle\_\_type\_\_\_name\_string

\* @param newVar the new value of vehicle\_\_type\_\_\_name\_string

\*/

public void setVehicle\_\_type\_\_\_name\_string (new\_class newVar) {

vehicle\_\_type\_\_\_name\_string = newVar;

}

/\*\*

\* Get the value of vehicle\_\_type\_\_\_name\_string

\* @return the value of vehicle\_\_type\_\_\_name\_string

\*/

public new\_class getVehicle\_\_type\_\_\_name\_string () {

return vehicle\_\_type\_\_\_name\_string;

}

/\*\*

\* Set the value of vehicle\_\_type\_int

\* @param newVar the new value of vehicle\_\_type\_int

\*/

public void setVehicle\_\_type\_int (void newVar) {

vehicle\_\_type\_int = newVar;

}

/\*\*

\* Get the value of vehicle\_\_type\_int

\* @return the value of vehicle\_\_type\_int

\*/

public void getVehicle\_\_type\_int () {

return vehicle\_\_type\_int;

}

/\*\*

\* Set the value of vehicle\_\_des\_string

\* @param newVar the new value of vehicle\_\_des\_string

\*/

public void setVehicle\_\_des\_string (void newVar) {

vehicle\_\_des\_string = newVar;

}

/\*\*

\* Get the value of vehicle\_\_des\_string

\* @return the value of vehicle\_\_des\_string

\*/

public void getVehicle\_\_des\_string () {

return vehicle\_\_des\_string;

}

/\*\*

\* Set the value of vehicle\_\_\_cus\_id\_\_int

\* @param newVar the new value of vehicle\_\_\_cus\_id\_\_int

\*/

public void setVehicle\_\_\_cus\_id\_\_int (void newVar) {

vehicle\_\_\_cus\_id\_\_int = newVar;

}

/\*\*

\* Get the value of vehicle\_\_\_cus\_id\_\_int

\* @return the value of vehicle\_\_\_cus\_id\_\_int

\*/

public void getVehicle\_\_\_cus\_id\_\_int () {

return vehicle\_\_\_cus\_id\_\_int;

}

//

// Other methods

//

/\*\*

\*/

public void add\_vehicle\_type()

{

}

/\*\*

\*/

public void edit\_vehicle\_type()

{

}

/\*\*

\*/

public void delete\_vehicle\_type()

{

}

/\*\*

\*/

public void search\_vehicle\_type()

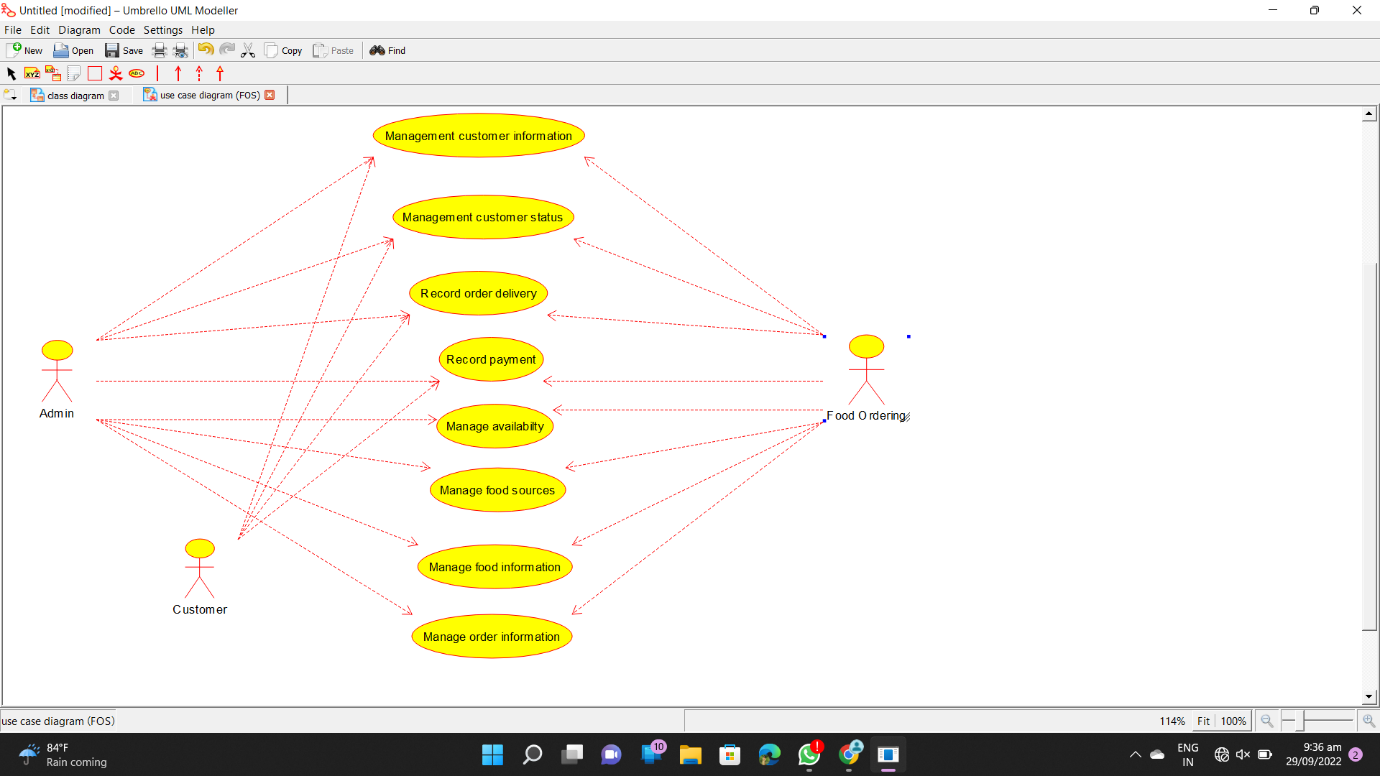
{

}

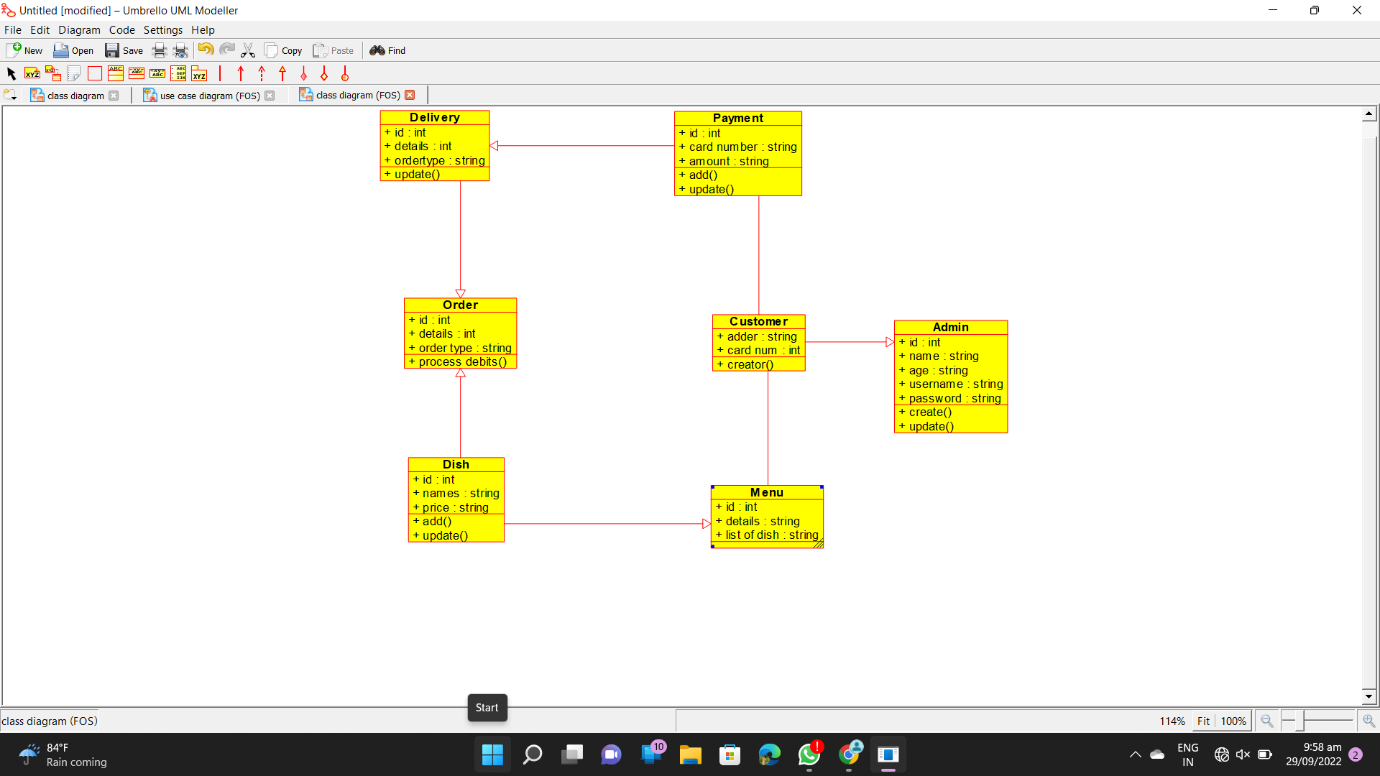
}

**EX NO: 18 FOOD ORDERING SYSTEM**

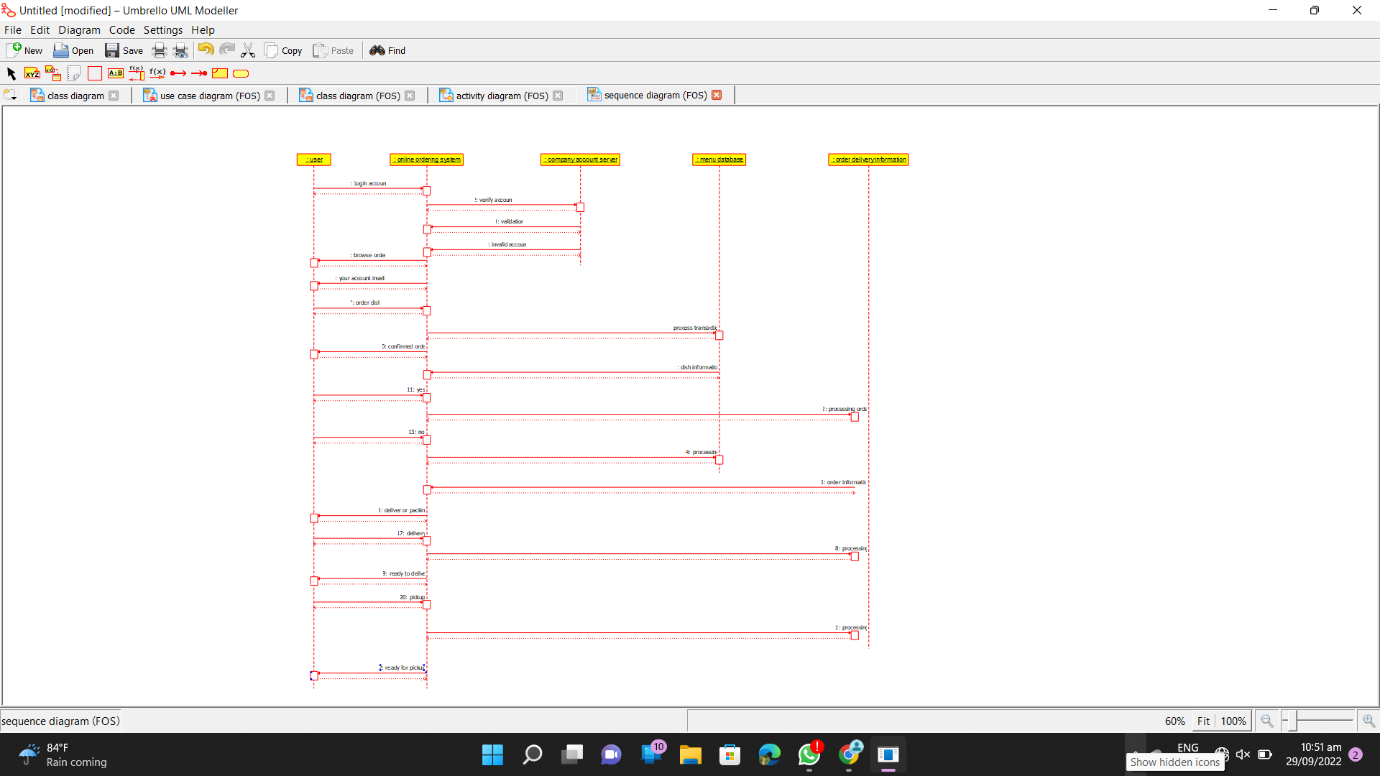
**USECASE DIAGRAM :-**



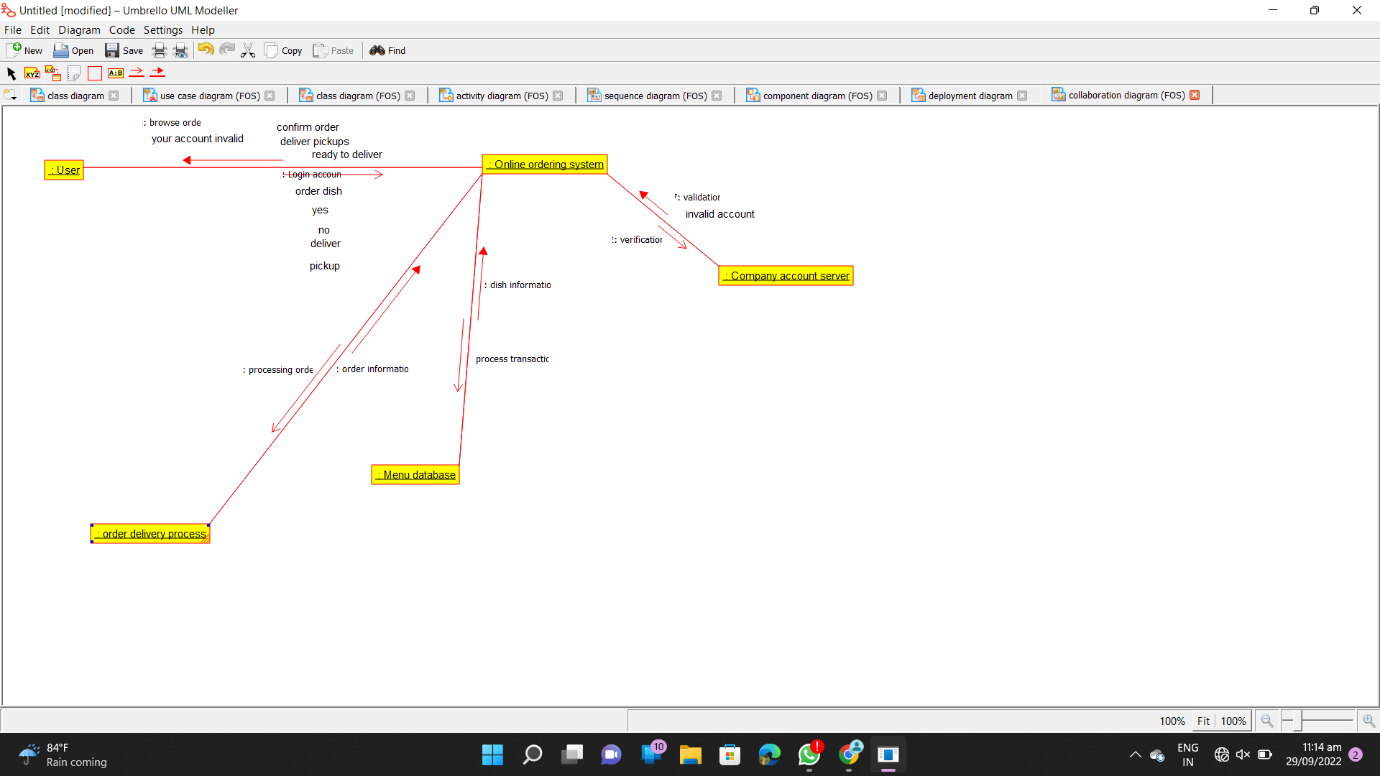
**CLASS DIAGRAM :-**

‘

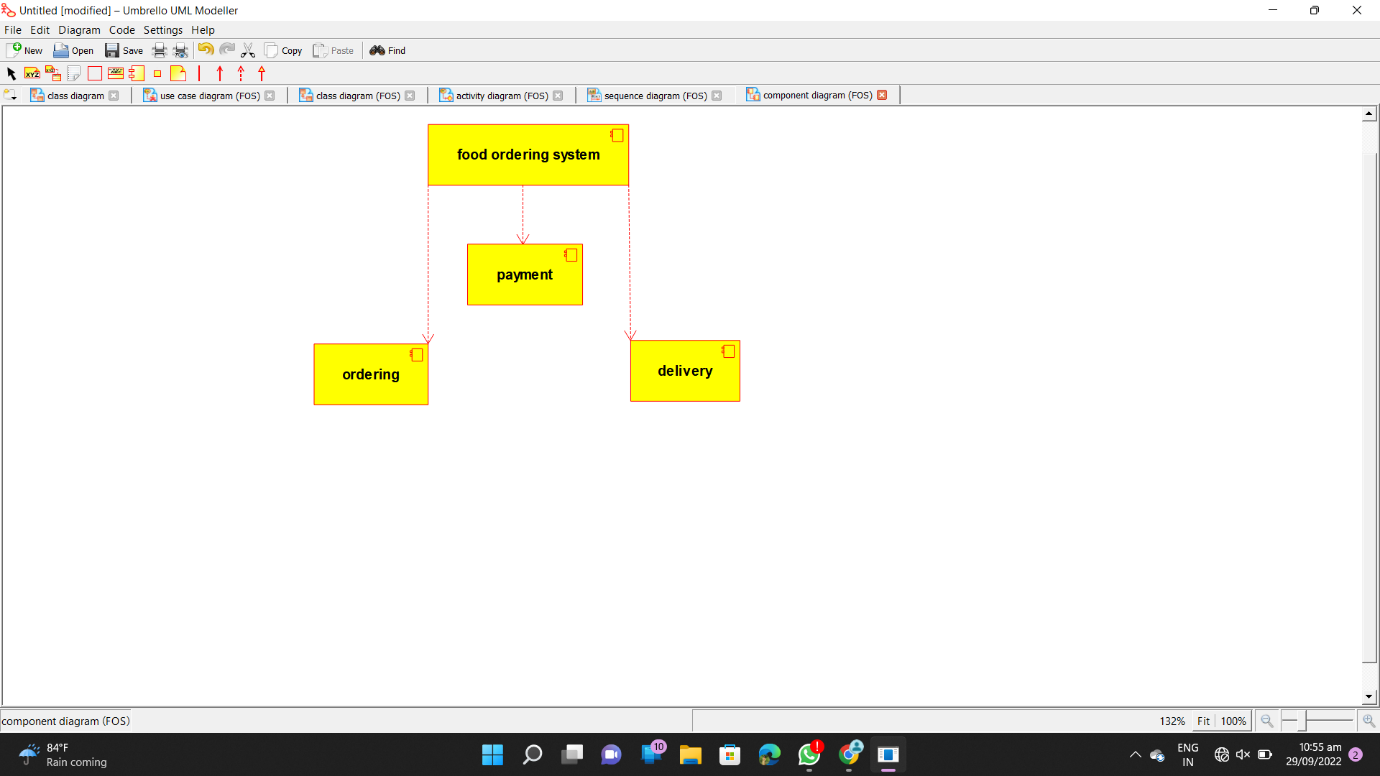
**SEQUENCE DIAGRAM :-**



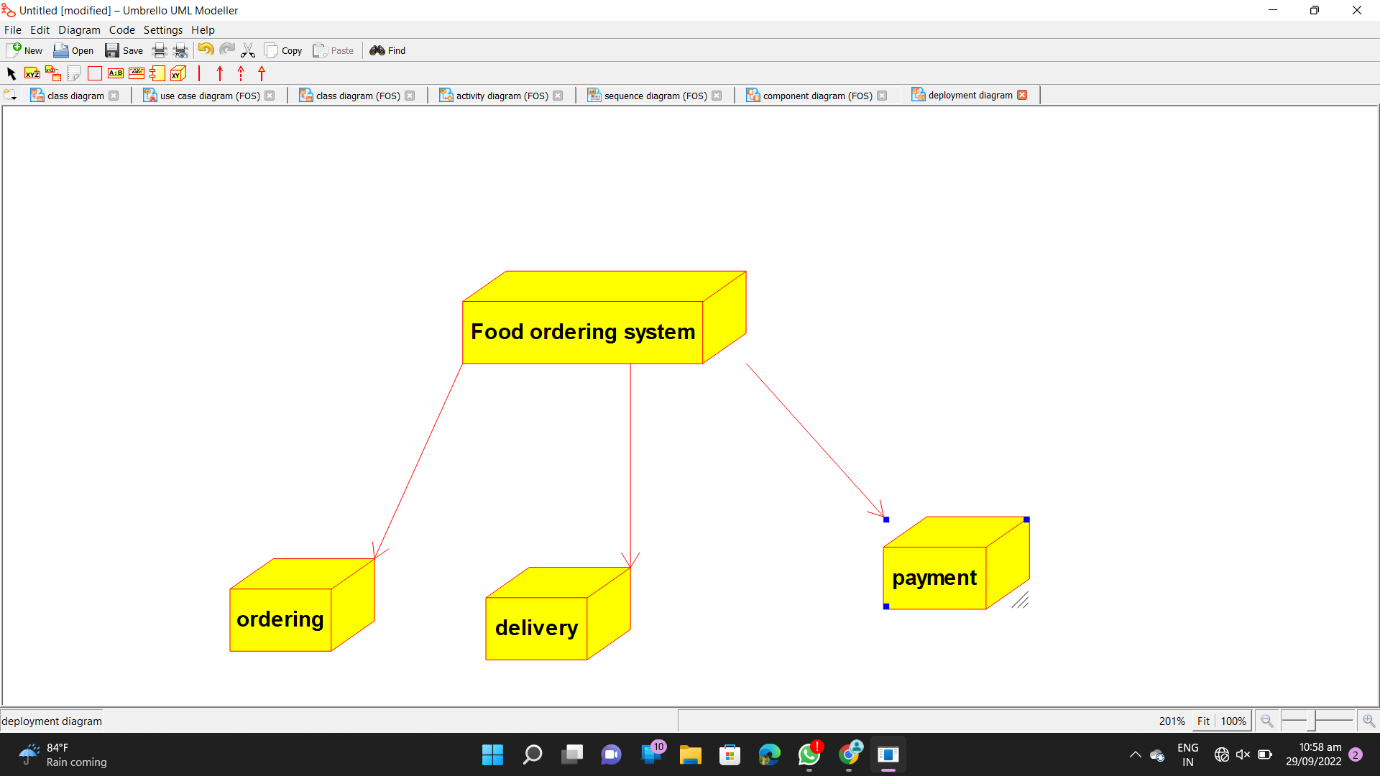
**COLLABORATION DIAGRAM :-**



**COMPONENT DIAGRAM :-**



**DEPLOYMENT DIAGRAM :-**



**PROGRAM CODE :-**

/\*\*

\* Class Admin

\*/

public class Admin {

//

// Fields

//

public int id;

public String name;

public String age;

public String username;

public String password;

//

// Constructors

//

public Admin () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of name

\* @param newVar the new value of name

\*/

public void setName (String newVar) {

name = newVar;

}

/\*\*

\* Get the value of name

\* @return the value of name

\*/

public String getName () {

return name;

}

/\*\*

\* Set the value of age

\* @param newVar the new value of age

\*/

public void setAge (String newVar) {

age = newVar;

}

/\*\*

\* Get the value of age

\* @return the value of age

\*/

public String getAge () {

return age;

}

/\*\*

\* Set the value of username

\* @param newVar the new value of username

\*/

public void setUsername (String newVar) {

username = newVar;

}

/\*\*

\* Get the value of username

\* @return the value of username

\*/

public String getUsername () {

return username;

}

/\*\*

\* Set the value of password

\* @param newVar the new value of password

\*/

public void setPassword (String newVar) {

password = newVar;

}

/\*\*

\* Get the value of password

\* @return the value of password

\*/

public String getPassword () {

return password;

}

//

// Other methods

//

/\*\*

\*/

public void create()

{

}

/\*\*

\*/

public void update()

{

}

}

import java.util.\*;

/\*\*

\* Class Customer

\*/

public class Customer extends Admin {

//

// Fields

//

public String adder;

public int card\_num;

//

// Constructors

//

public Customer () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of adder

\* @param newVar the new value of adder

\*/

public void setAdder (String newVar) {

adder = newVar;

}

/\*\*

\* Get the value of adder

\* @return the value of adder

\*/

public String getAdder () {

return adder;

}

/\*\*

\* Set the value of card\_num

\* @param newVar the new value of card\_num

\*/

public void setCard\_num (int newVar) {

card\_num = newVar;

}

/\*\*

\* Get the value of card\_num

\* @return the value of card\_num

\*/

public int getCard\_num () {

return card\_num;

}

//

// Other methods

//

/\*\*

\*/

public void creator()

{

}

}

/\*\*

\* Class Delivery

\*/

public class Delivery extends Order {

//

// Fields

//

public int id;

public int details;

public String ordertype;

//

// Constructors

//

public Delivery () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of details

\* @param newVar the new value of details

\*/

public void setDetails (int newVar) {

details = newVar;

}

/\*\*

\* Get the value of details

\* @return the value of details

\*/

public int getDetails () {

return details;

}

/\*\*

\* Set the value of ordertype

\* @param newVar the new value of ordertype

\*/

public void setOrdertype (String newVar) {

ordertype = newVar;

}

/\*\*

\* Get the value of ordertype

\* @return the value of ordertype

\*/

public String getOrdertype () {

return ordertype;

}

//

// Other methods

//

/\*\*

\*/

public void update()

{

}

}

/\*\*

\* Class Dish

\*/

public class Dish extends Order, Menu {

//

// Fields

//

public int id;

public String names;

public String price;

//

// Constructors

//

public Dish () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of names

\* @param newVar the new value of names

\*/

public void setNames (String newVar) {

names = newVar;

}

/\*\*

\* Get the value of names

\* @return the value of names

\*/

public String getNames () {

return names;

}

/\*\*

\* Set the value of price

\* @param newVar the new value of price

\*/

public void setPrice (String newVar) {

price = newVar;

}

/\*\*

\* Get the value of price

\* @return the value of price

\*/

public String getPrice () {

return price;

}

//

// Other methods

//

/\*\*

\*/

public void add()

{

}

/\*\*

\*/

public void update()

{

}

}

import java.util.\*;

/\*\*

\* Class Menu

\*/

public class Menu {

//

// Fields

//

public int id;

public String details;

public String list\_of\_dish;

//

// Constructors

//

public Menu () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of details

\* @param newVar the new value of details

\*/

public void setDetails (String newVar) {

details = newVar;

}

/\*\*

\* Get the value of details

\* @return the value of details

\*/

public String getDetails () {

return details;

}

/\*\*

\* Set the value of list\_of\_dish

\* @param newVar the new value of list\_of\_dish

\*/

public void setList\_of\_dish (String newVar) {

list\_of\_dish = newVar;

}

/\*\*

\* Get the value of list\_of\_dish

\* @return the value of list\_of\_dish

\*/

public String getList\_of\_dish () {

return list\_of\_dish;

}

//

// Other methods

//

}

/\*\*

\* Class Order

\*/

public class Order {

//

// Fields

//

public int id;

public int details;

public String order\_type;

//

// Constructors

//

public Order () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of details

\* @param newVar the new value of details

\*/

public void setDetails (int newVar) {

details = newVar;

}

/\*\*

\* Get the value of details

\* @return the value of details

\*/

public int getDetails () {

return details;

}

/\*\*

\* Set the value of order\_type

\* @param newVar the new value of order\_type

\*/

public void setOrder\_type (String newVar) {

order\_type = newVar;

}

/\*\*

\* Get the value of order\_type

\* @return the value of order\_type

\*/

public String getOrder\_type () {

return order\_type;

}

//

// Other methods

//

/\*\*

\*/

public void process\_debits()

{

}

}

import java.util.\*;

/\*\*

\* Class Payment

\*/

public class Payment extends Delivery {

//

// Fields

//

public int id;

public String card\_number;

public String amount;

//

// Constructors

//

public Payment () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of card\_number

\* @param newVar the new value of card\_number

\*/

public void setCard\_number (String newVar) {

card\_number = newVar;

}

/\*\*

\* Get the value of card\_number

\* @return the value of card\_number

\*/

public String getCard\_number () {

return card\_number;

}

/\*\*

\* Set the value of amount

\* @param newVar the new value of amount

\*/

public void setAmount (String newVar) {

amount = newVar;

}

/\*\*

\* Get the value of amount

\* @return the value of amount

\*/

public String getAmount () {

return amount;

}

//

// Other methods

//

/\*\*

\*/

public void add()

{

}

/\*\*

\*/

public void update()

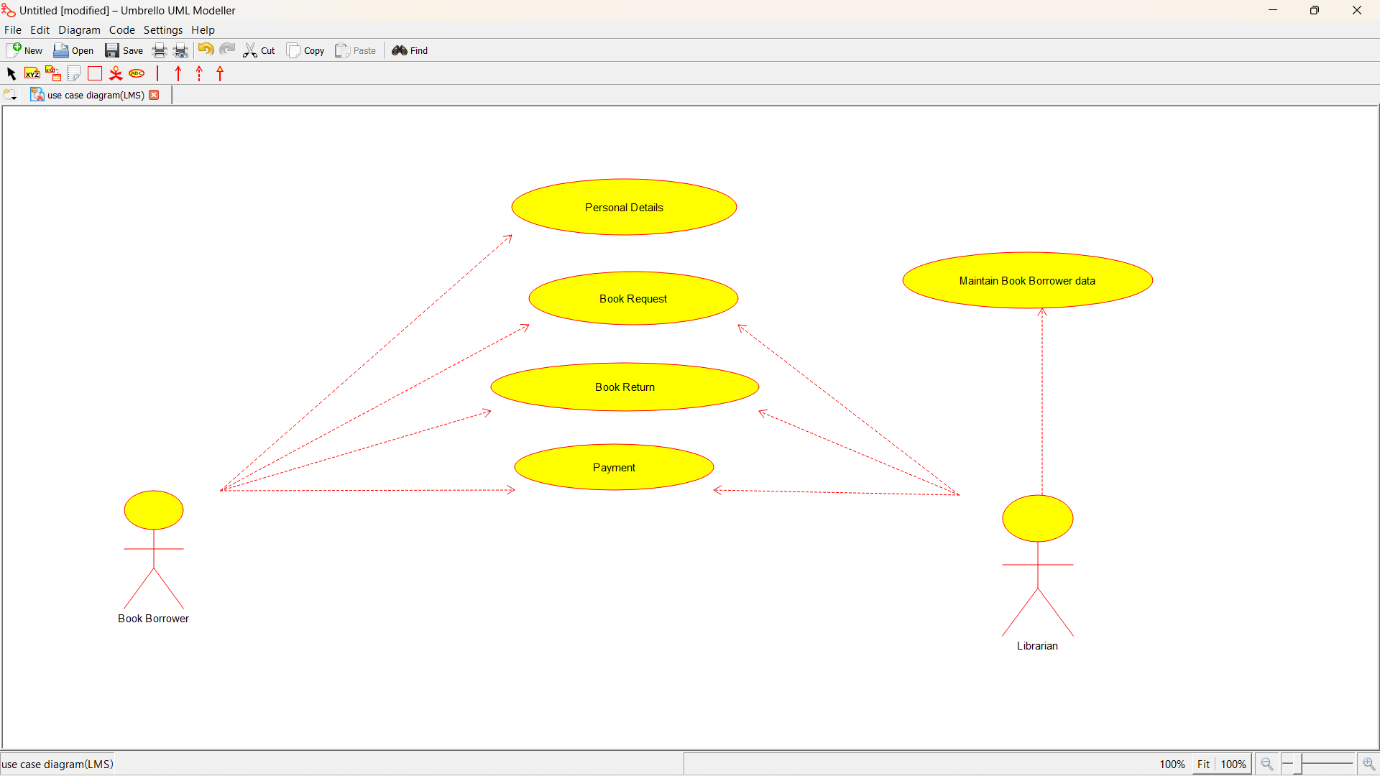
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}

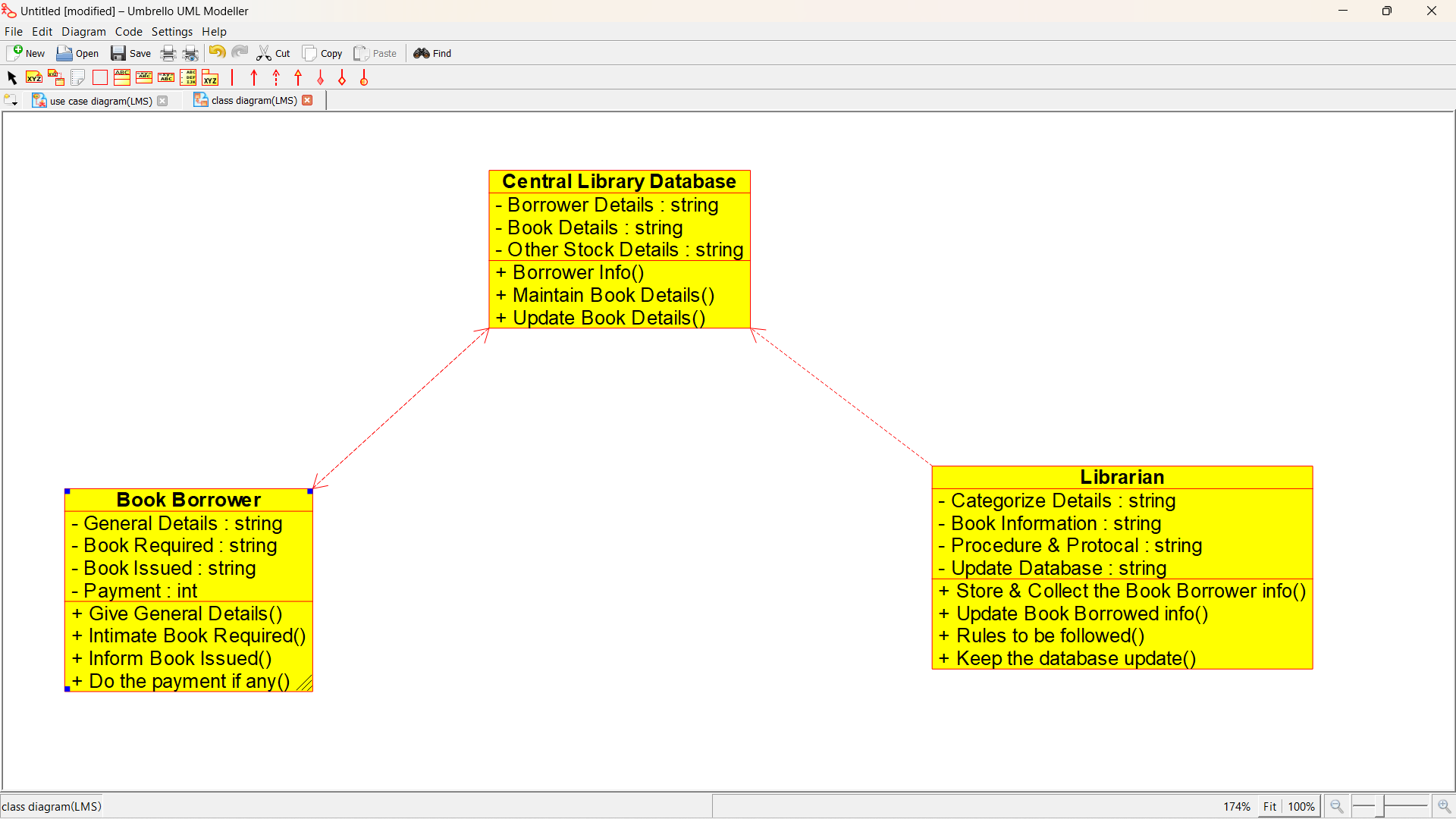
}

**EX NO: 20 LIBRARY MANAGEMENT SYSTEM**

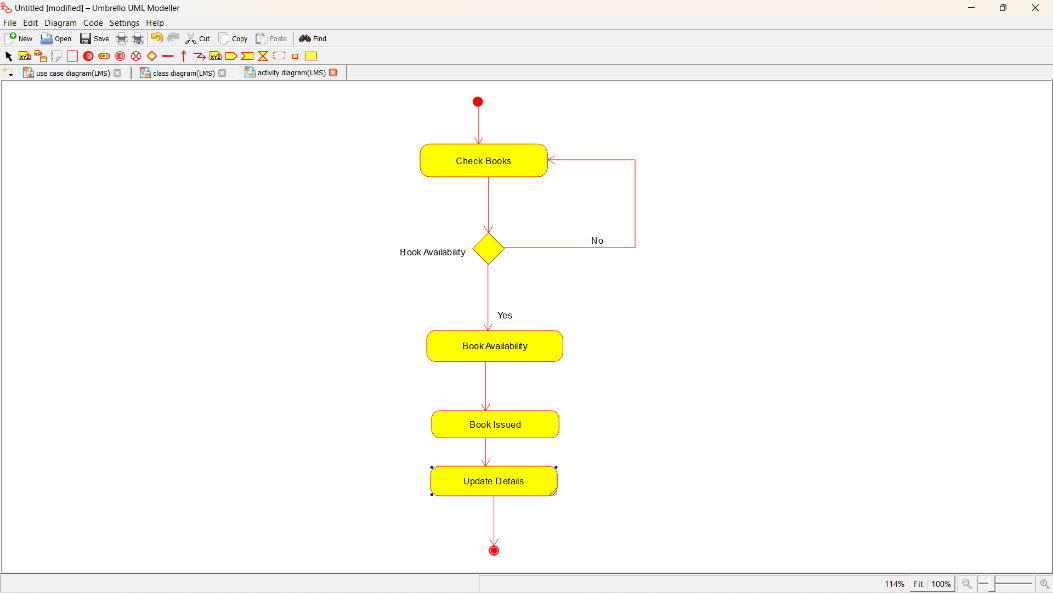
**USE CASE DIAGRAM:**



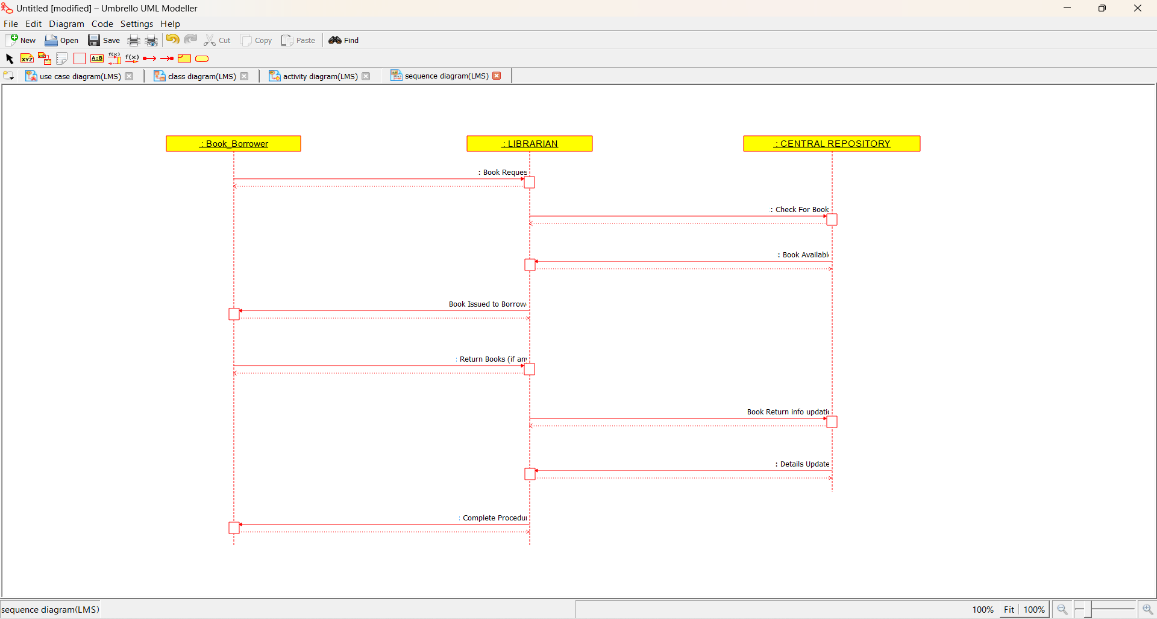
**CLASS DIAGRAM:**



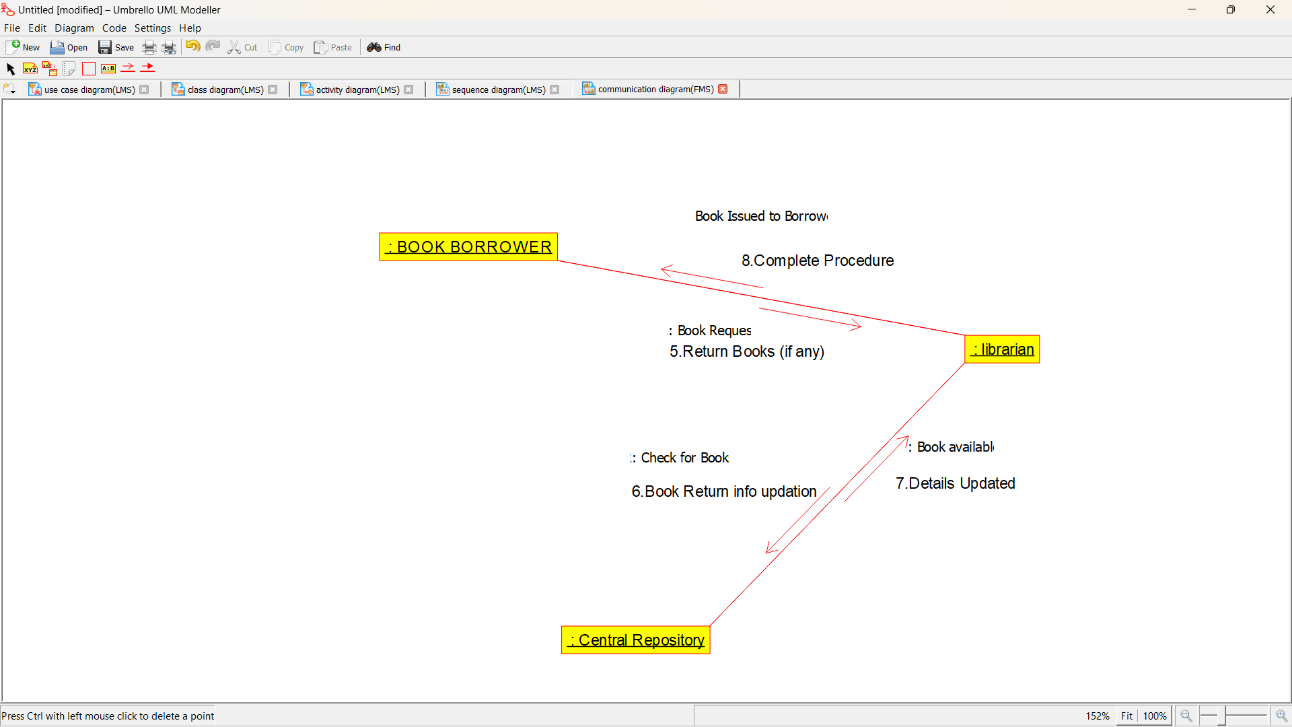
**ACTIVITY DIAGRAM:**



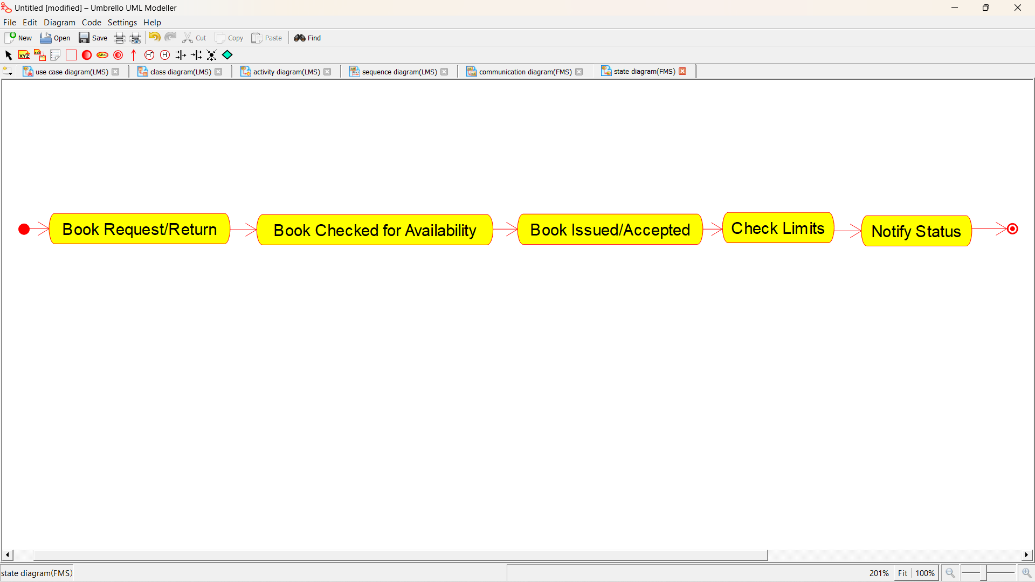
**SEQUENCE DIAGRAM:**



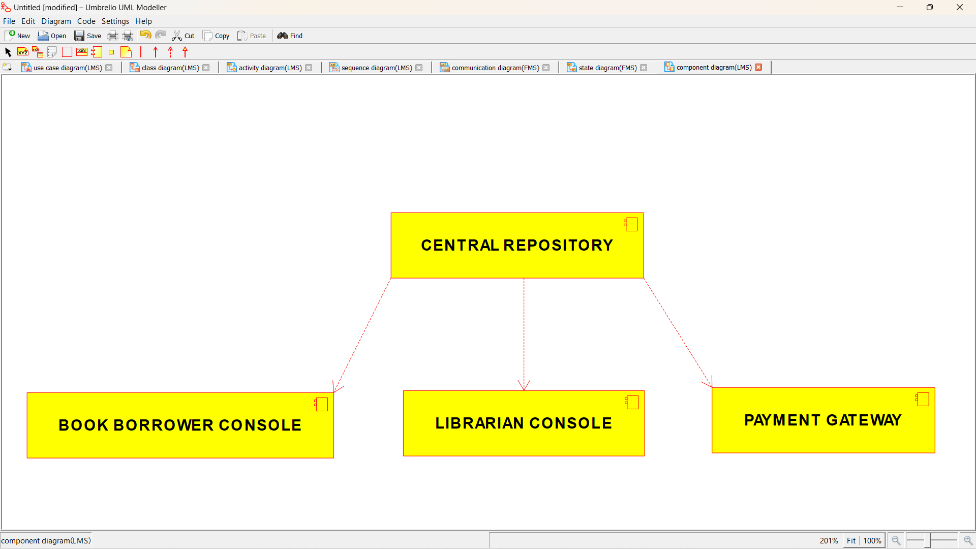
**COLLABORATION DIAGRAM:**



**STATE CHART DIAGRAM:**



**COMPOMEMT DIAGRAM**:



**DEPLOYMENT DIAGRAM:**



**PROGRAM CODING:**

/\*\*

\* Class Central\_Library\_Database

\*/

public class Central\_Library\_Database {

//

// Fields

//

private String Borrower\_Details;

private String Book\_Details;

private String Other\_Stock\_Details;

//

// Constructors

//

public Central\_Library\_Database () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Borrower\_Details

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

\*/

private void setBorrower\_Details (String newVar) {

Borrower\_Details = newVar;

}

/\*\*

\* Get the value of Borrower\_Details

\* @return the value of Borrower\_Details

\*/

private String getBorrower\_Details () {

return Borrower\_Details;

}

/\*\*

\* Set the value of Book\_Details

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

\*/

private void setBook\_Details (String newVar) {

Book\_Details = newVar;

}

/\*\*

\* Get the value of Book\_Details

\* @return the value of Book\_Details

\*/

private String getBook\_Details () {

return Book\_Details;

}

/\*\*

\* Set the value of Other\_Stock\_Details

\* @param newVar the new value of Other\_Stock\_Details

\*/

private void setOther\_Stock\_Details (String newVar) {

Other\_Stock\_Details = newVar;

}

/\*\*

\* Get the value of Other\_Stock\_Details

\* @return the value of Other\_Stock\_Details

\*/

private String getOther\_Stock\_Details () {

return Other\_Stock\_Details;

}

//

// Other methods

//

/\*\*

\*/

public void Borrower\_Info()

{

}

/\*\*

\*/

public void Maintain\_Book\_Details()

{

}

/\*\*

\*/

public void Update\_Book\_Details()

{

}

}

/\*\*

\* Class Book\_Borrower

\*/

public class Book\_Borrower {

//

// Fields

//

private String General\_Details;

private String Book\_Required;

private String Book\_Issued;

private int Payment;

//

// Constructors

//

public Book\_Borrower () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of General\_Details

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

\*/

private void setGeneral\_Details (String newVar) {

General\_Details = newVar;

}

/\*\*

\* Get the value of General\_Details

\* @return the value of General\_Details

\*/

private String getGeneral\_Details () {

return General\_Details;

}

/\*\*

\* Set the value of Book\_Required

\* @param newVar the new value of Book\_Required

\*/

private void setBook\_Required (String newVar) {

Book\_Required = newVar;

}

/\*\*

\* Get the value of Book\_Required

\* @return the value of Book\_Required

\*/

private String getBook\_Required () {

return Book\_Required;

}

/\*\*

\* Set the value of Book\_Issued

\* @param newVar the new value of Book\_Issued

\*/

private void setBook\_Issued (String newVar) {

Book\_Issued = newVar;

}

/\*\*

\* Get the value of Book\_Issued

\* @return the value of Book\_Issued

\*/

private String getBook\_Issued () {

return Book\_Issued;

}

/\*\*

\* Set the value of Payment

\* @param newVar the new value of Payment

\*/

private void setPayment (int newVar) {

Payment = newVar;

}

/\*\*

\* Get the value of Payment

\* @return the value of Payment

\*/

private int getPayment () {

return Payment;

}

//

// Other methods

//

/\*\*

\*/

public void Give\_General\_Details()

{

}

/\*\*

\*/

public void Intimate\_Book\_Required()

{

}

/\*\*

\*/

public void Inform\_Book\_Issued()

{

}

/\*\*

\*/

public void Do\_the\_payment\_if\_any()

{

}

}

/\*\*

\* Class Librarian

\*/

public class Librarian {

//

// Fields

//

private String Categorize\_Details;

private String Book\_Information;

private String Procedure\_Protocal;

private String Update\_Database;

//

// Constructors

//

public Librarian () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Categorize\_Details

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

\*/

private void setCategorize\_Details (String newVar) {

Categorize\_Details = newVar;

}

/\*\*

\* Get the value of Categorize\_Details

\* @return the value of Categorize\_Details

\*/

private String getCategorize\_Details () {

return Categorize\_Details;

}

/\*\*

\* Set the value of Book\_Information

\* @param newVar the new value of Book\_Information

\*/

private void setBook\_Information (String newVar) {

Book\_Information = newVar;

}

/\*\*

\* Get the value of Book\_Information

\* @return the value of Book\_Information

\*/

private String getBook\_Information () {

return Book\_Information;

}

/\*\*

\* Set the value of Procedure\_Protocal

\* @param newVar the new value of Procedure\_Protocal

\*/

private void setProcedure\_Protocal (String newVar) {

Procedure\_Protocal = newVar;

}

/\*\*

\* Get the value of Procedure\_Protocal

\* @return the value of Procedure\_Protocal

\*/

private String getProcedure\_Protocal () {

return Procedure\_Protocal;

}

/\*\*

\* Set the value of Update\_Database

\* @param newVar the new value of Update\_Database

\*/

private void setUpdate\_Database (String newVar) {

Update\_Database = newVar;

}

/\*\*

\* Get the value of Update\_Database

\* @return the value of Update\_Database

\*/

private String getUpdate\_Database () {

return Update\_Database;

}

//

// Other methods

//

/\*\*

\*/

public void Store\_Collect\_the\_Book\_Borrower\_info()

{

}

/\*\*

\*/

public void Update\_Book\_Borrowed\_info()

{

}

/\*\*

\*/

public void Rules\_to\_be\_followed()

{

}

/\*\*

\*/

public void Keep\_the\_database\_update()

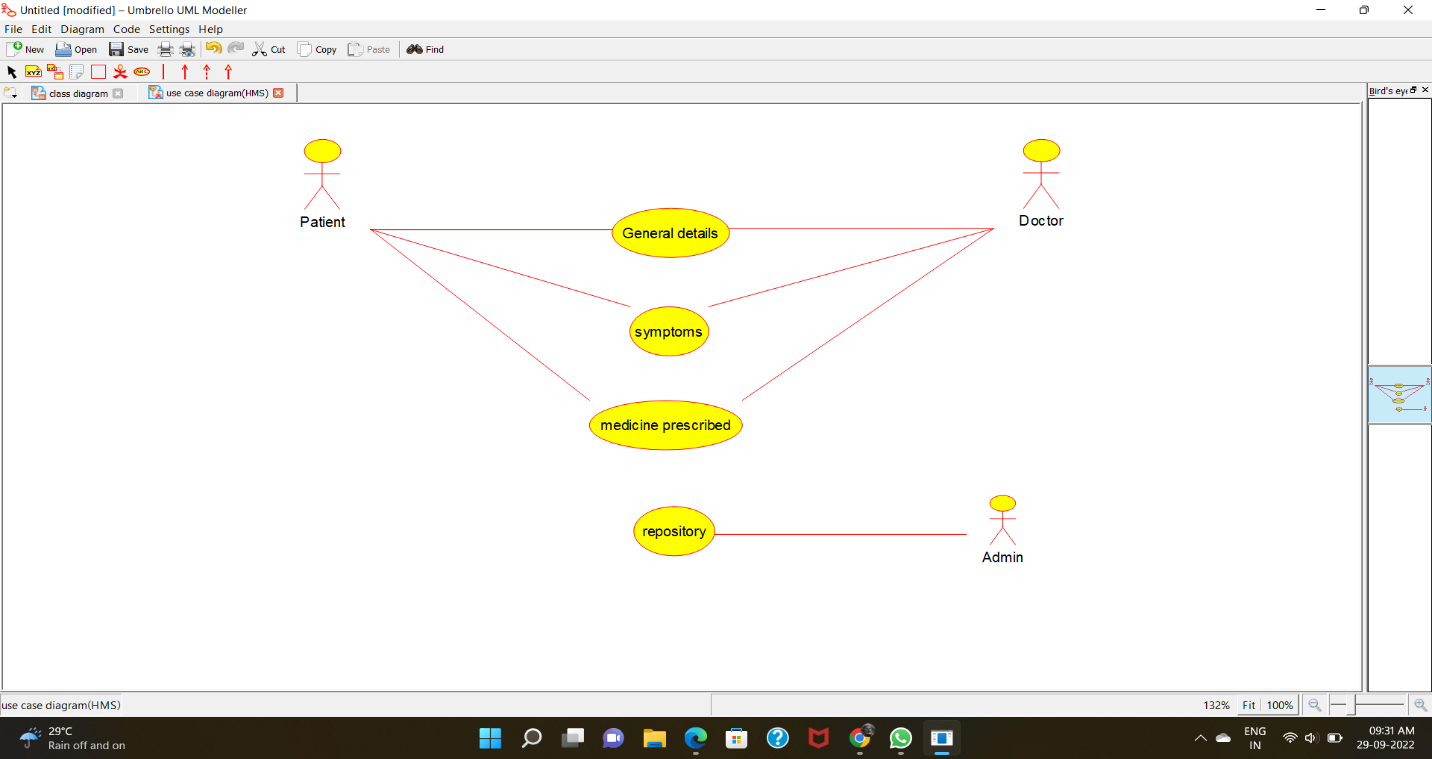
{

}

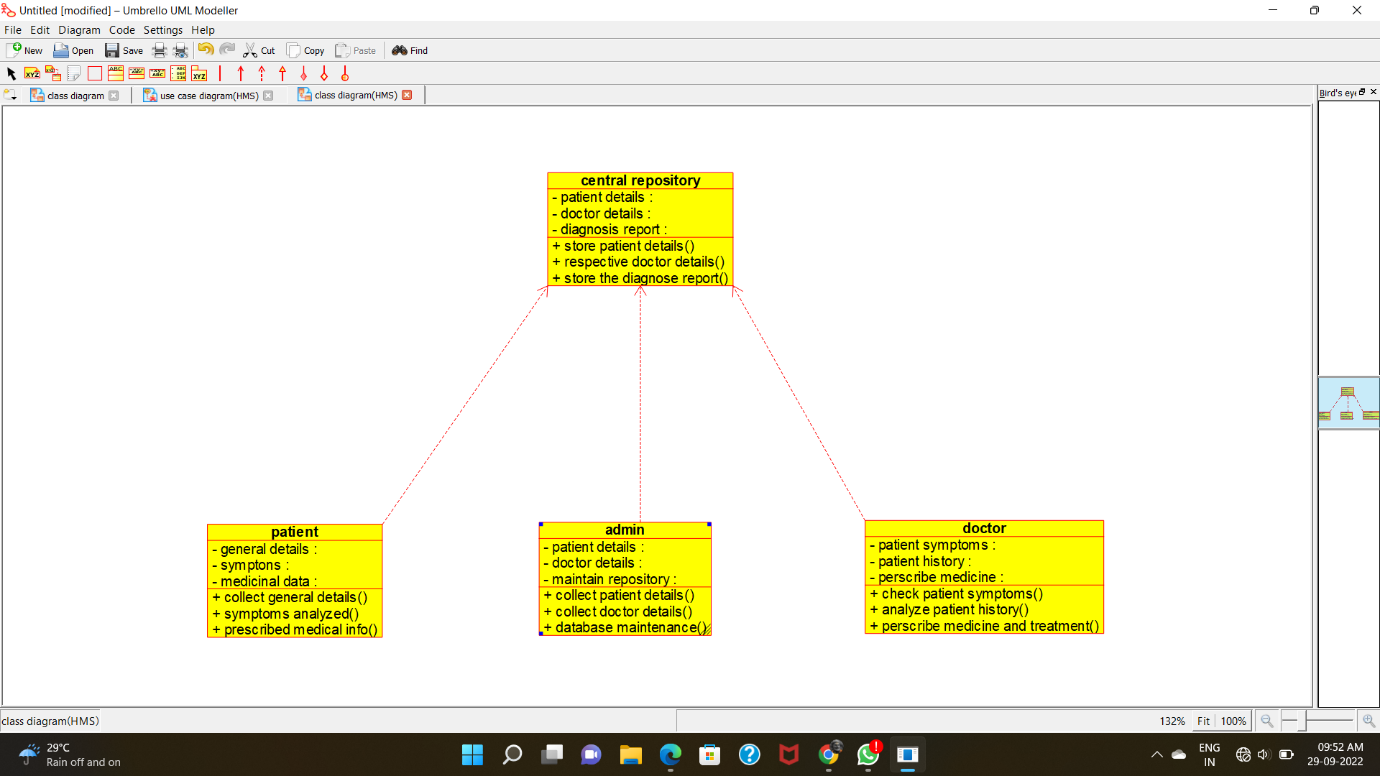
}

**EX NO: 21 HOSPITAL MANAGEMENT SYSTEM**

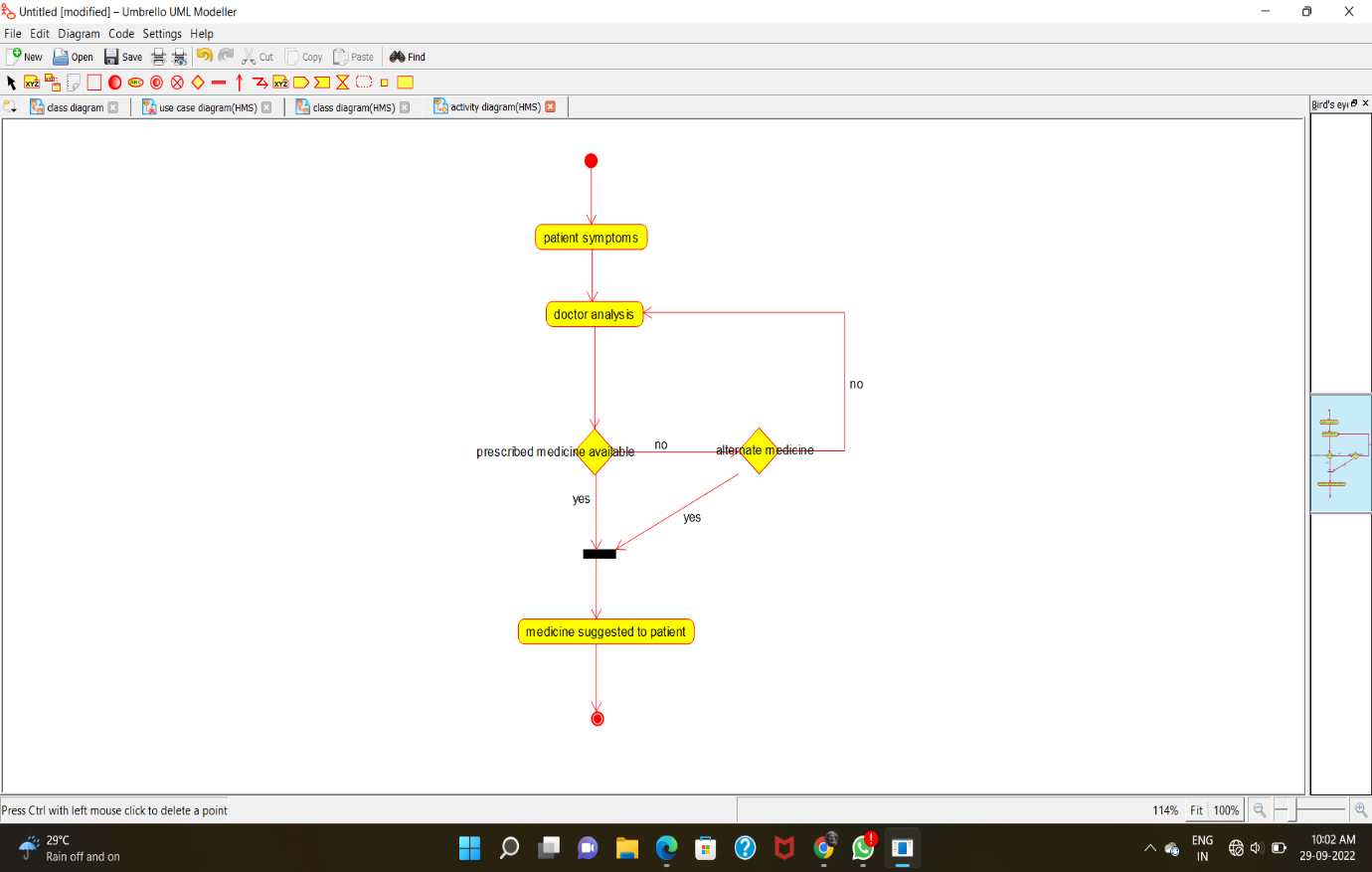
**USECASE DIAGRAM:**



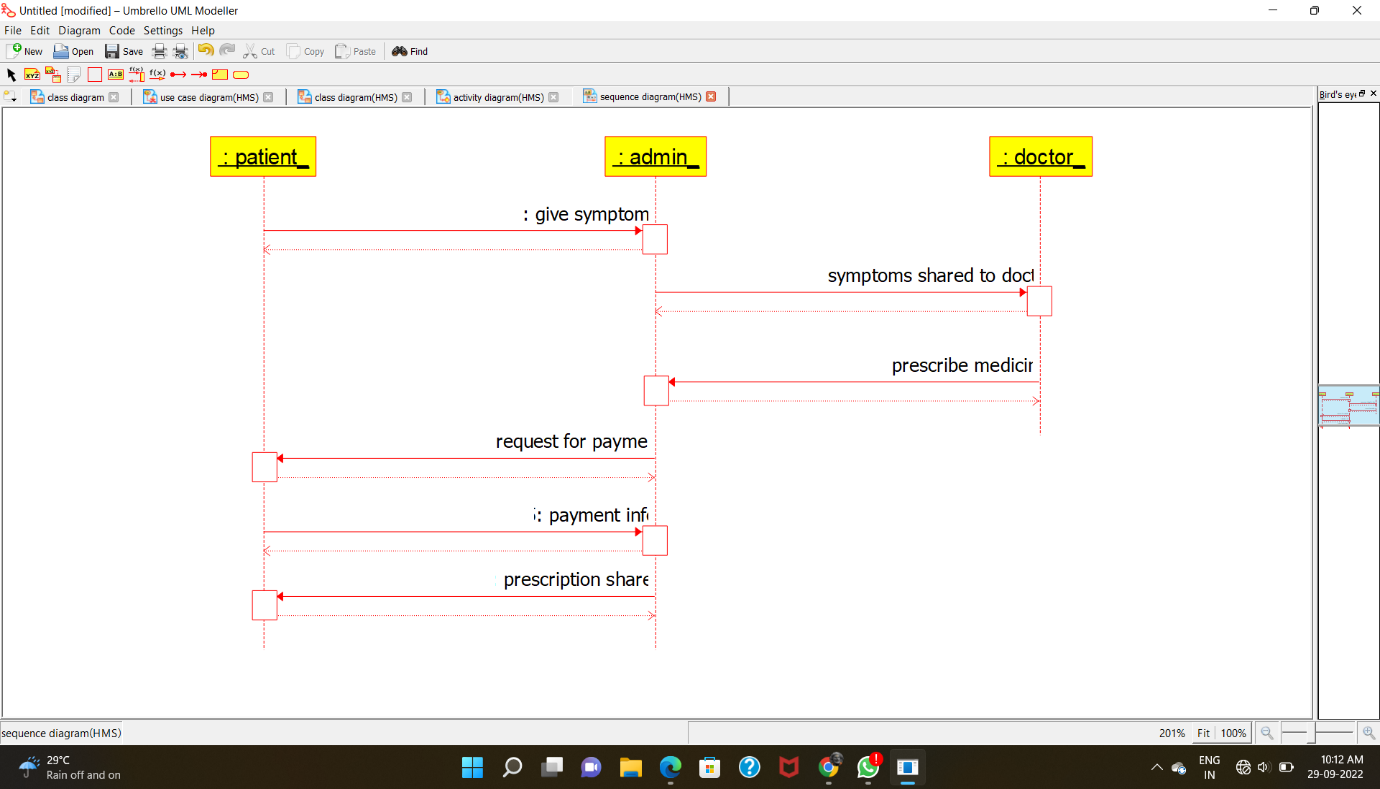
**CLASS DIAGRAM:**



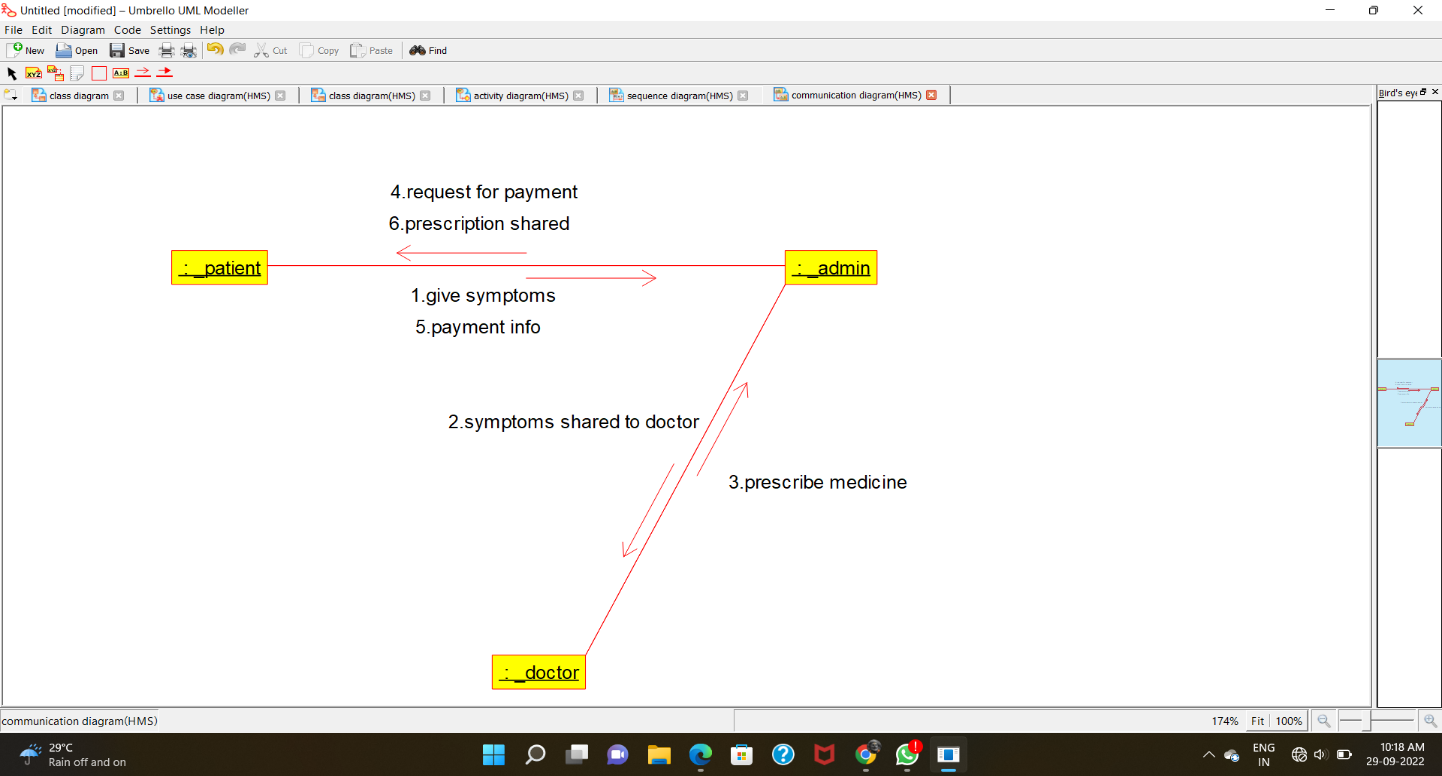
**ACTIVITY DIAGRAM:**



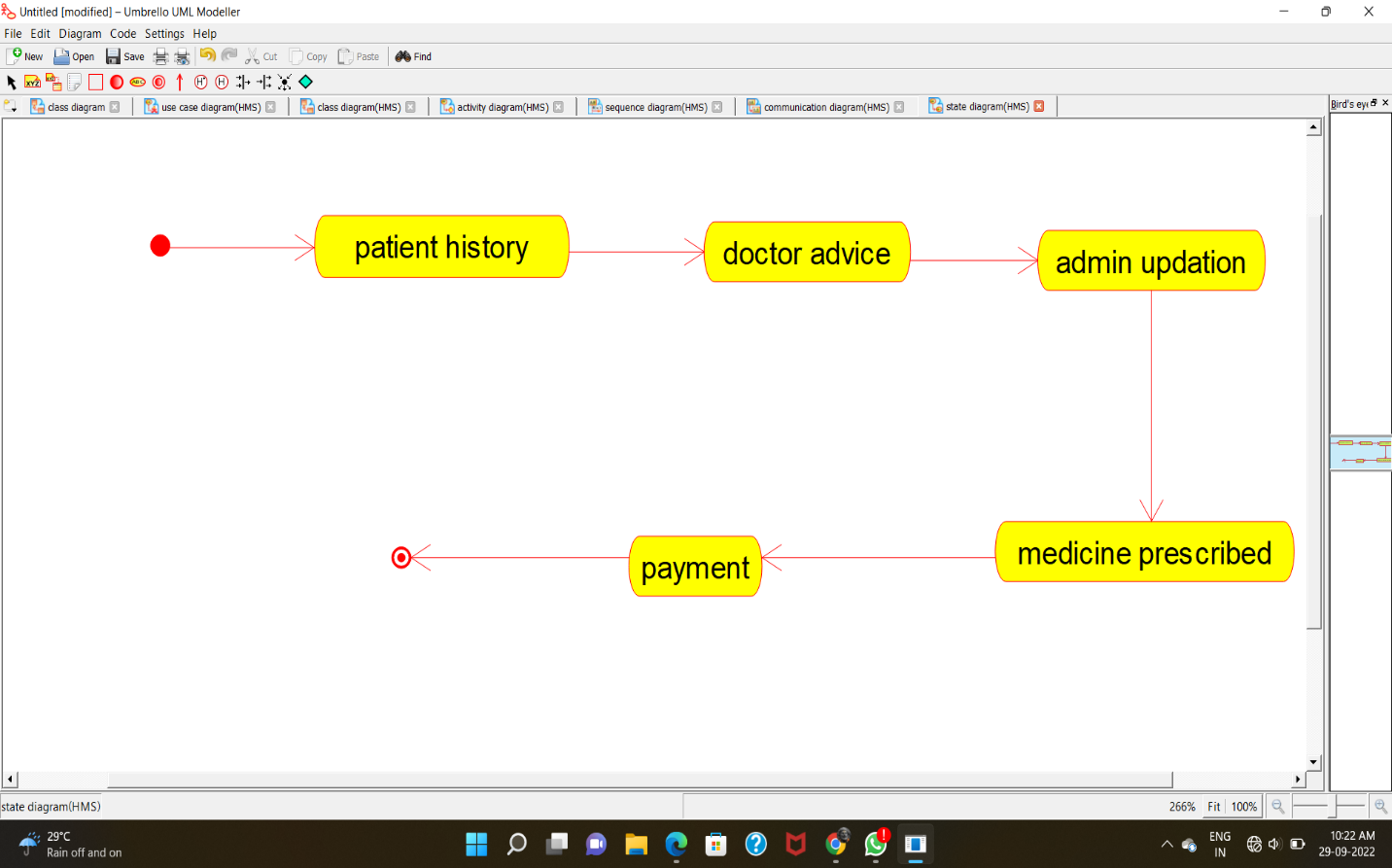
**SEQUENCE DIAGRAM:**



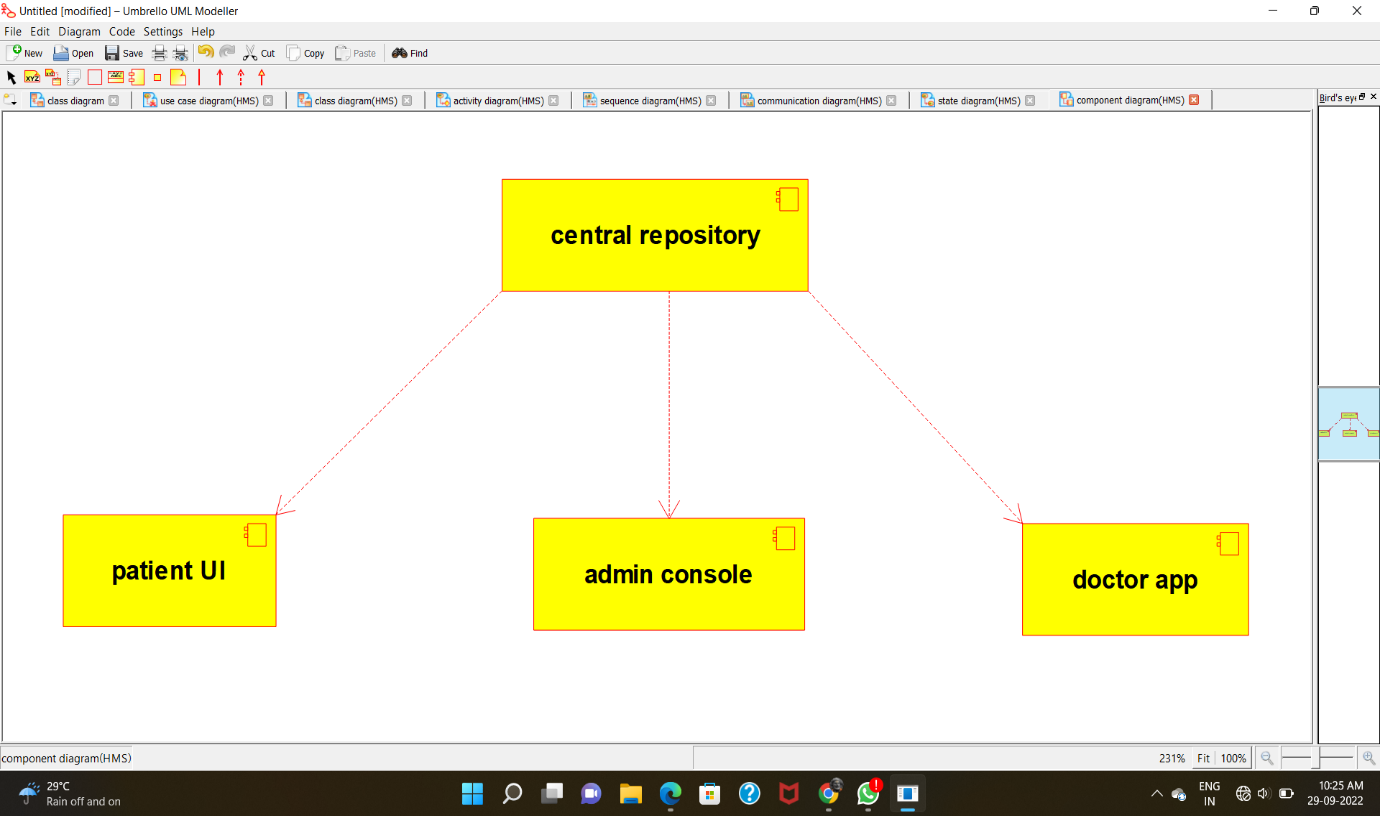
**COLLABRATION DIAGRAM:**



**STATE-CHART DIAGRAM:**



**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**PROGRAM CODE:**

CENTRAL REPOSITORY:

/\*\*

\* Class central\_repository

\*/

public class central\_repository {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void diagnosis\_report;

//

// Constructors

//

public central\_repository () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of diagnosis\_report

\* @param newVar the new value of diagnosis\_report

\*/

private void setDiagnosis\_report (void newVar) {

diagnosis\_report = newVar;

}

/\*\*

\* Get the value of diagnosis\_report

\* @return the value of diagnosis\_report

\*/

private void getDiagnosis\_report () {

return diagnosis\_report;

}

//

// Other methods

//

/\*\*

\*/

public void store\_patient\_details()

{

}

/\*\*

\*/

public void respective\_doctor\_details()

{

}

/\*\*

\*/

public void store\_the\_diagnose\_report()

{

}

}

**PATIENT:**

/\*\*

\* Class patient

\*/

public class patient {

//

// Fields

//

private void general\_details;

private void symptons;

private void medicinal\_data;

//

// Constructors

//

public patient () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of general\_details

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

\*/

private void setGeneral\_details (void newVar) {

general\_details = newVar;

}

/\*\*

\* Get the value of general\_details

\* @return the value of general\_details

\*/

private void getGeneral\_details () {

return general\_details;

}

/\*\*

\* Set the value of symptons

\* @param newVar the new value of symptons

\*/

private void setSymptons (void newVar) {

symptons = newVar;

}

/\*\*

\* Get the value of symptons

\* @return the value of symptons

\*/

private void getSymptons () {

return symptons;

}

/\*\*

\* Set the value of medicinal\_data

\* @param newVar the new value of medicinal\_data

\*/

private void setMedicinal\_data (void newVar) {

medicinal\_data = newVar;

}

/\*\*

\* Get the value of medicinal\_data

\* @return the value of medicinal\_data

\*/

private void getMedicinal\_data () {

return medicinal\_data;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_general\_details()

{

}

/\*\*

\*/

public void symptoms\_analyzed()

{

}

/\*\*

\*/

public void prescribed\_medical\_info()

{

}

}

**ADMIN:**

/\*\*

\* Class admin

\*/

public class admin {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void maintain\_repository;

//

// Constructors

//

public admin () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of maintain\_repository

\* @param newVar the new value of maintain\_repository

\*/

private void setMaintain\_repository (void newVar) {

maintain\_repository = newVar;

}

/\*\*

\* Get the value of maintain\_repository

\* @return the value of maintain\_repository

\*/

private void getMaintain\_repository () {

return maintain\_repository;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_patient\_details()

{

}

/\*\*

\*/

public void collect\_doctor\_details()

{

}

/\*\*

\*/

public void database\_maintenance()

{

}

}

DOCTOR:

/\*\*

\* Class doctor

\*/

public class doctor {

//

// Fields

//

private void patient\_symptoms;

private void patient\_history;

private void perscribe\_medicine;

//

// Constructors

//

public doctor () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_symptoms

\* @param newVar the new value of patient\_symptoms

\*/

private void setPatient\_symptoms (void newVar) {

patient\_symptoms = newVar;

}

/\*\*

\* Get the value of patient\_symptoms

\* @return the value of patient\_symptoms

\*/

private void getPatient\_symptoms () {

return patient\_symptoms;

}

/\*\*

\* Set the value of patient\_history

\* @param newVar the new value of patient\_history

\*/

private void setPatient\_history (void newVar) {

patient\_history = newVar;

}

/\*\*

\* Get the value of patient\_history

\* @return the value of patient\_history

\*/

private void getPatient\_history () {

return patient\_history;

}

/\*\*

\* Set the value of perscribe\_medicine

\* @param newVar the new value of perscribe\_medicine

\*/

private void setPerscribe\_medicine (void newVar) {

perscribe\_medicine = newVar;

}

/\*\*

\* Get the value of perscribe\_medicine

\* @return the value of perscribe\_medicine

\*/

private void getPerscribe\_medicine () {

return perscribe\_medicine;

}

//

// Other methods

//

/\*\*

\*/

public void check\_patient\_symptoms()

{

}

/\*\*

\*/

public void analyze\_patient\_history()

{

}

/\*\*

\*/

public void perscribe\_medicine\_and\_treatment()

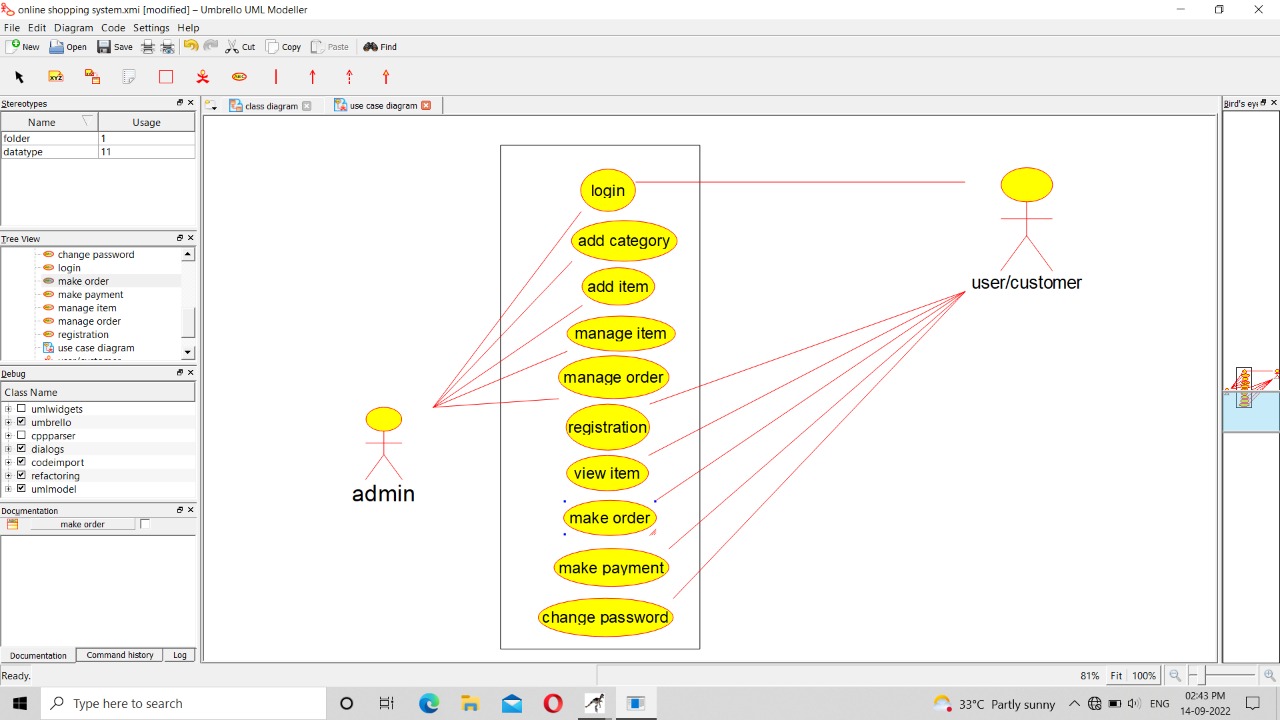
{

}

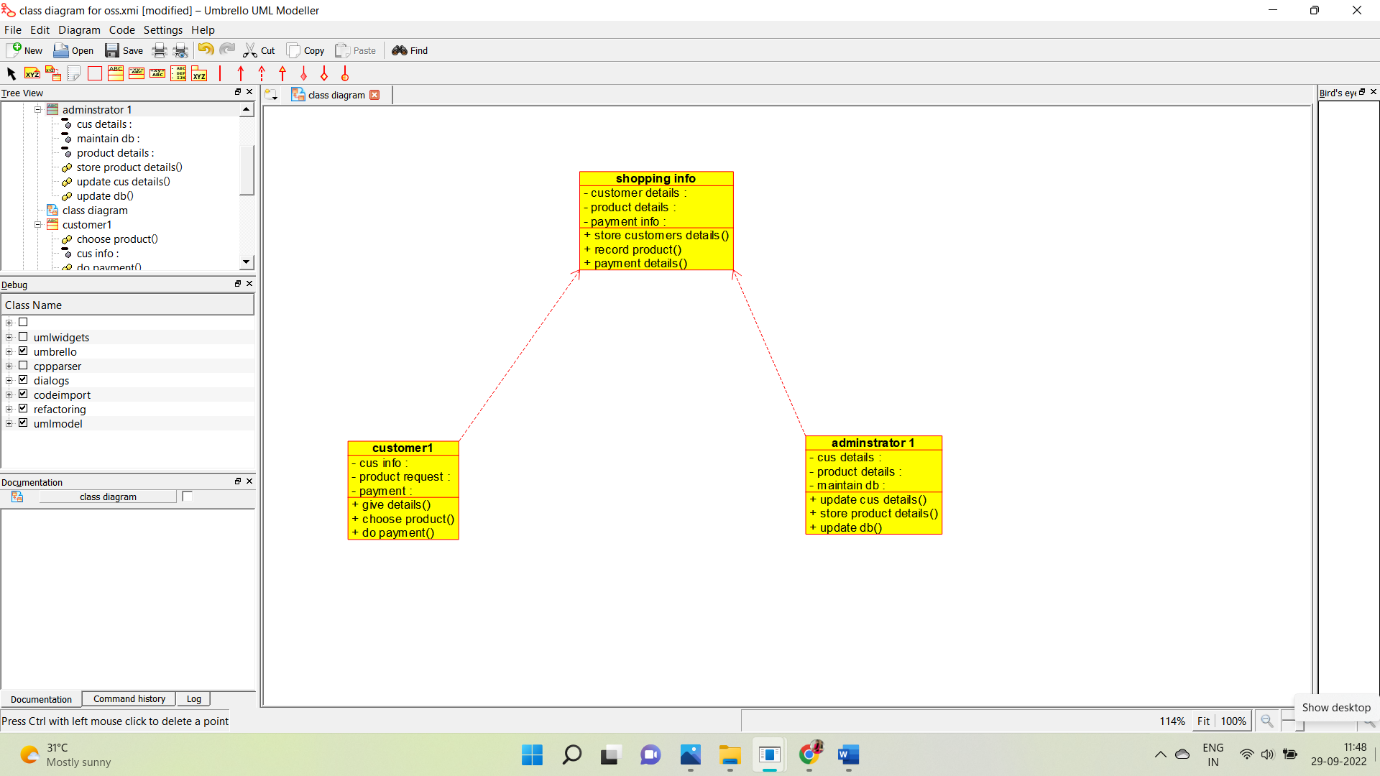
}

**EX NO :23 ONLINE SHOPPING SYSTEM**

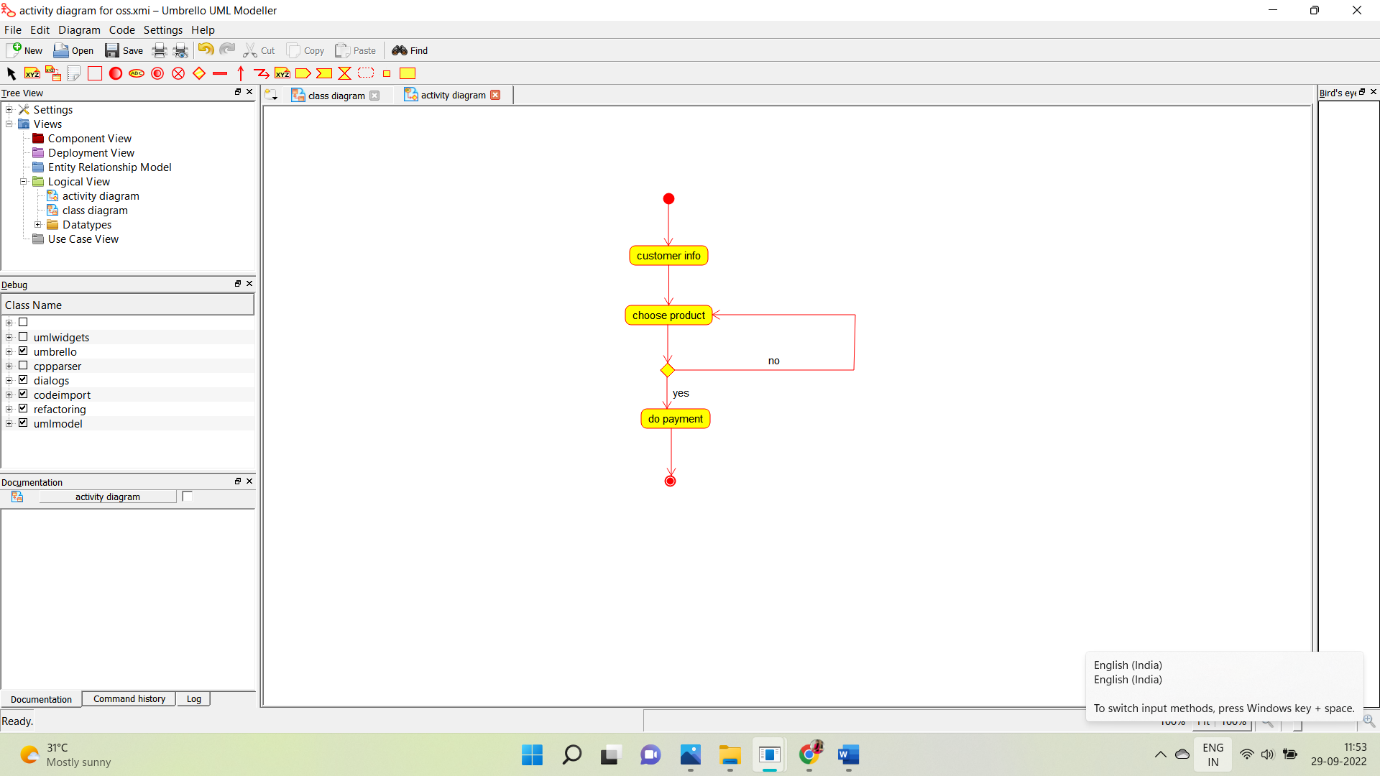
**USE CASE DIAGRAM:**



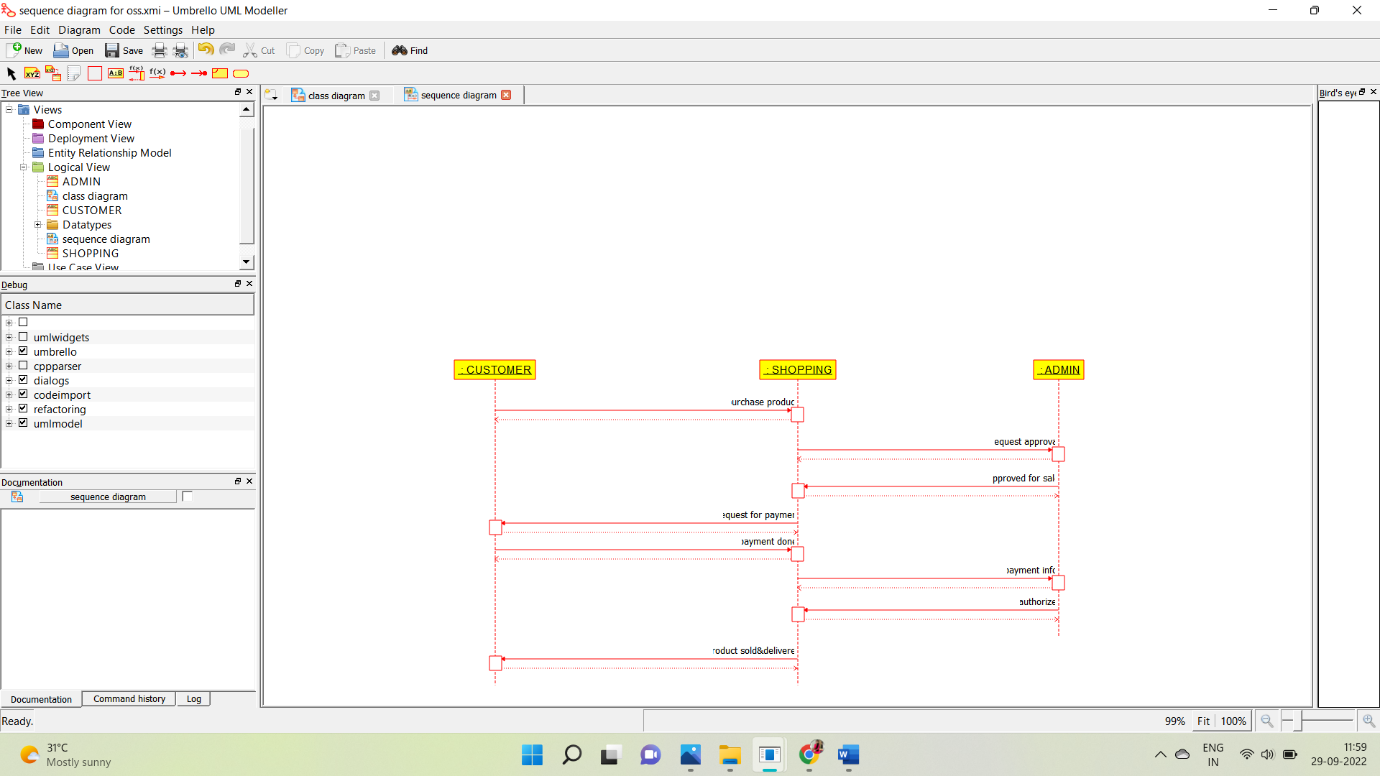
**CLASS DIAGRAM:**



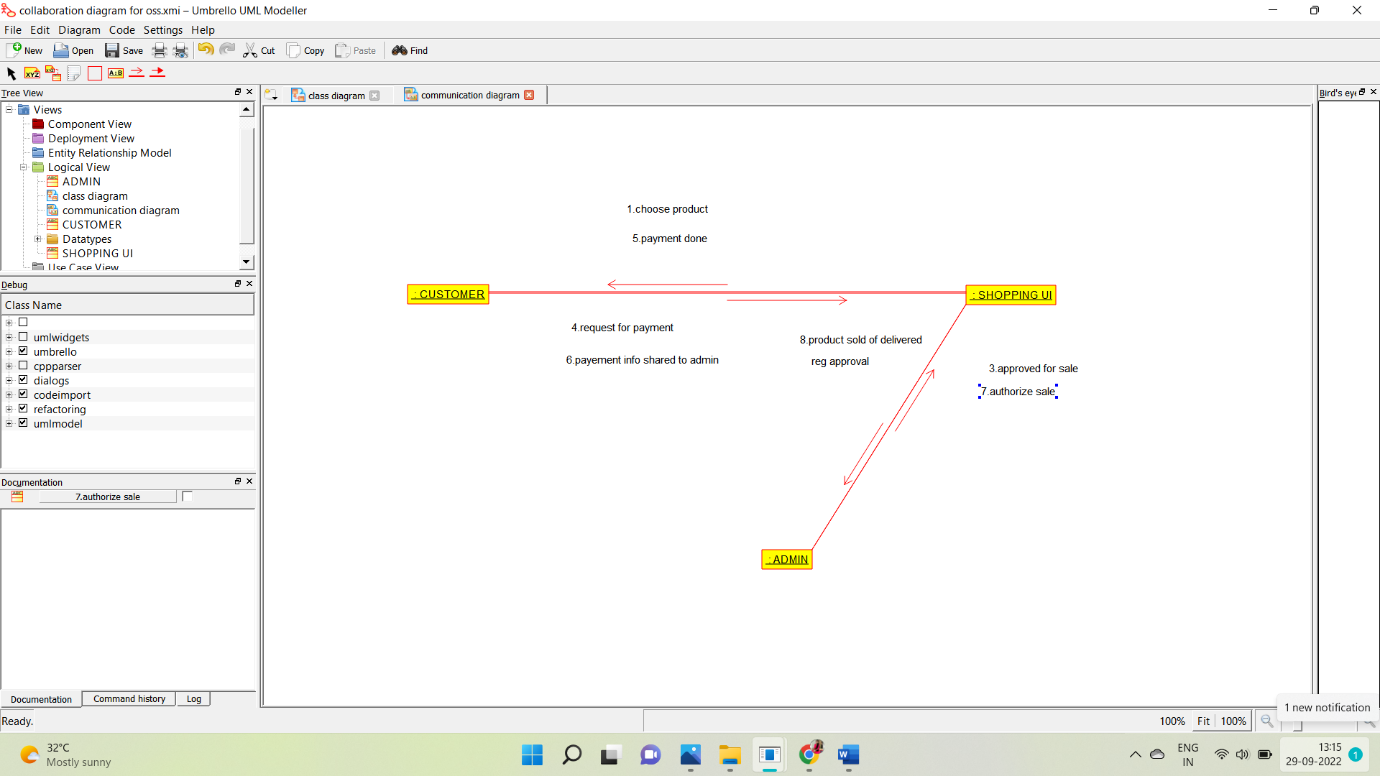
**ACTIVITY DIAGRAM:**



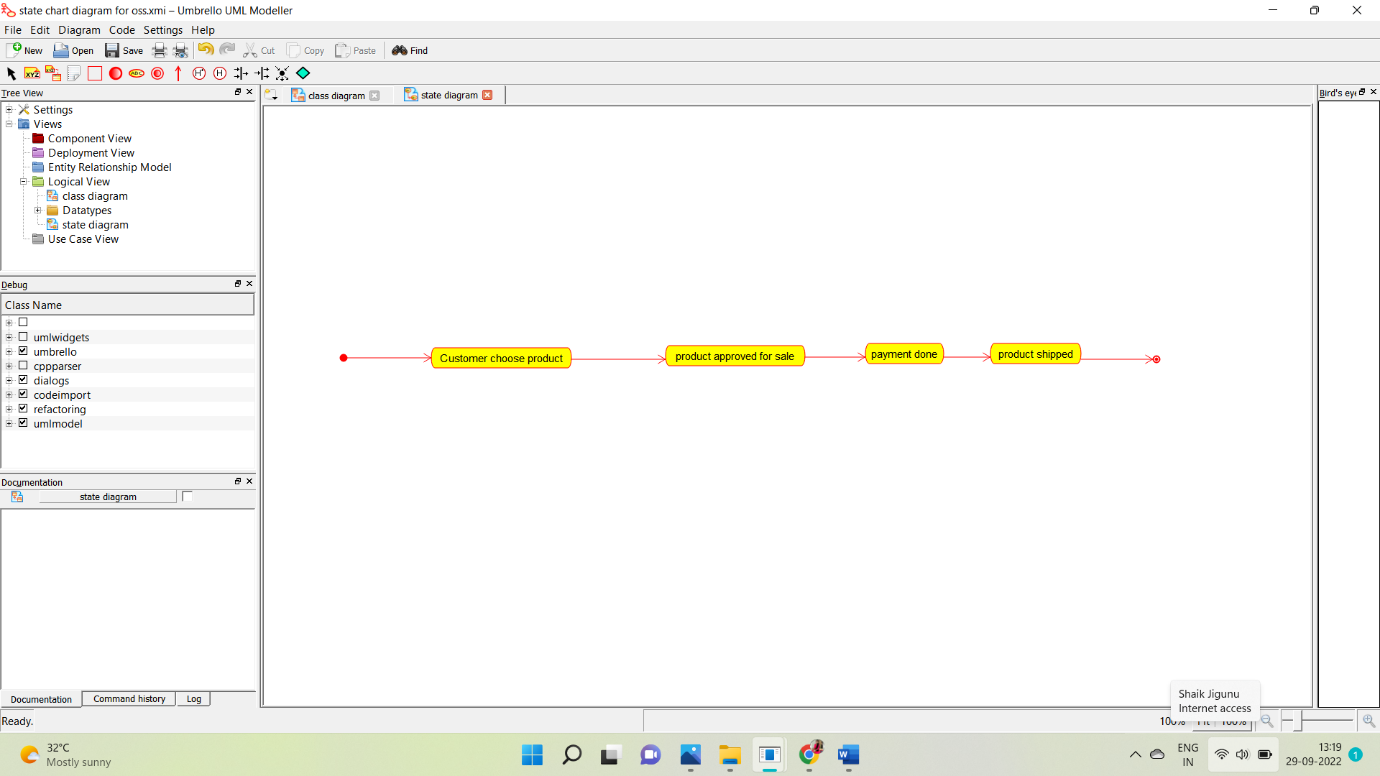
**SEQUENCE DIAGRAM:**



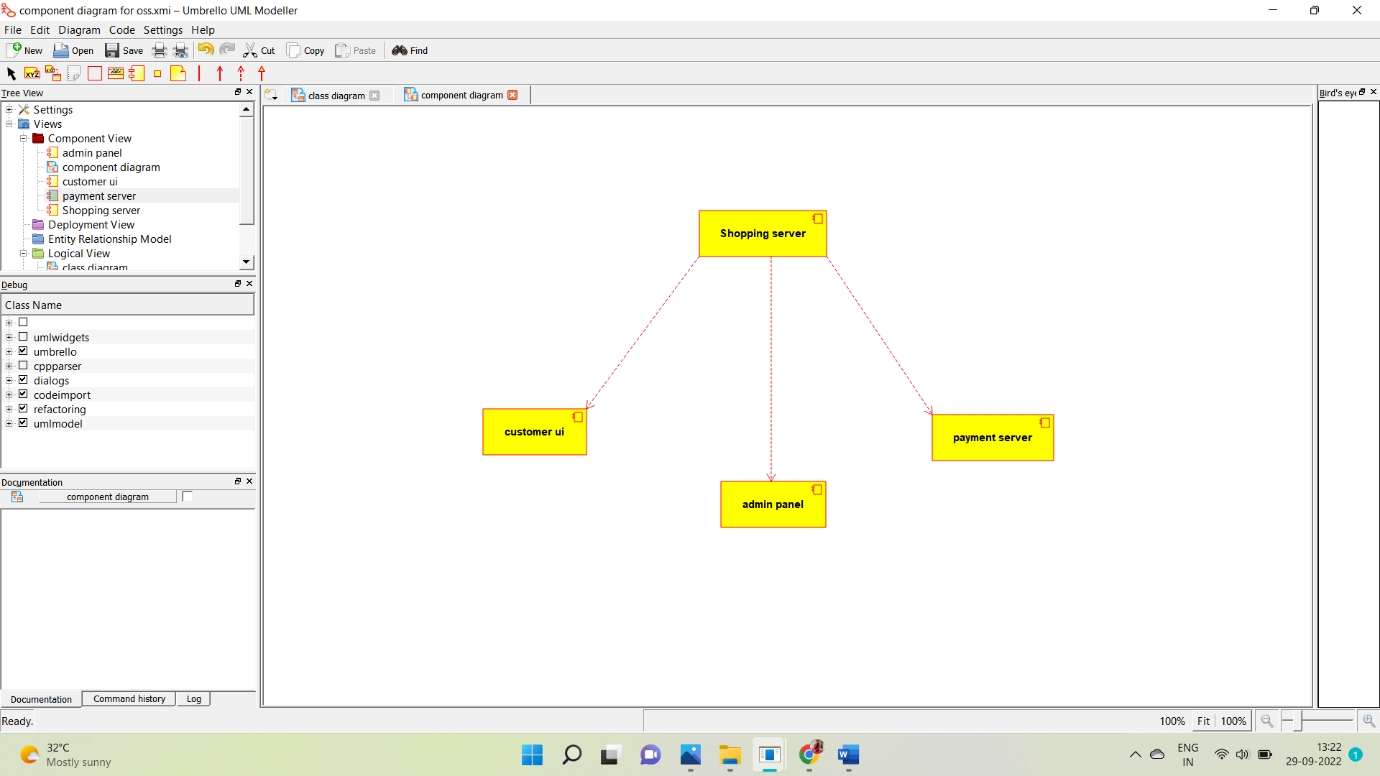
**COLLABORATION DIAGRAM:**



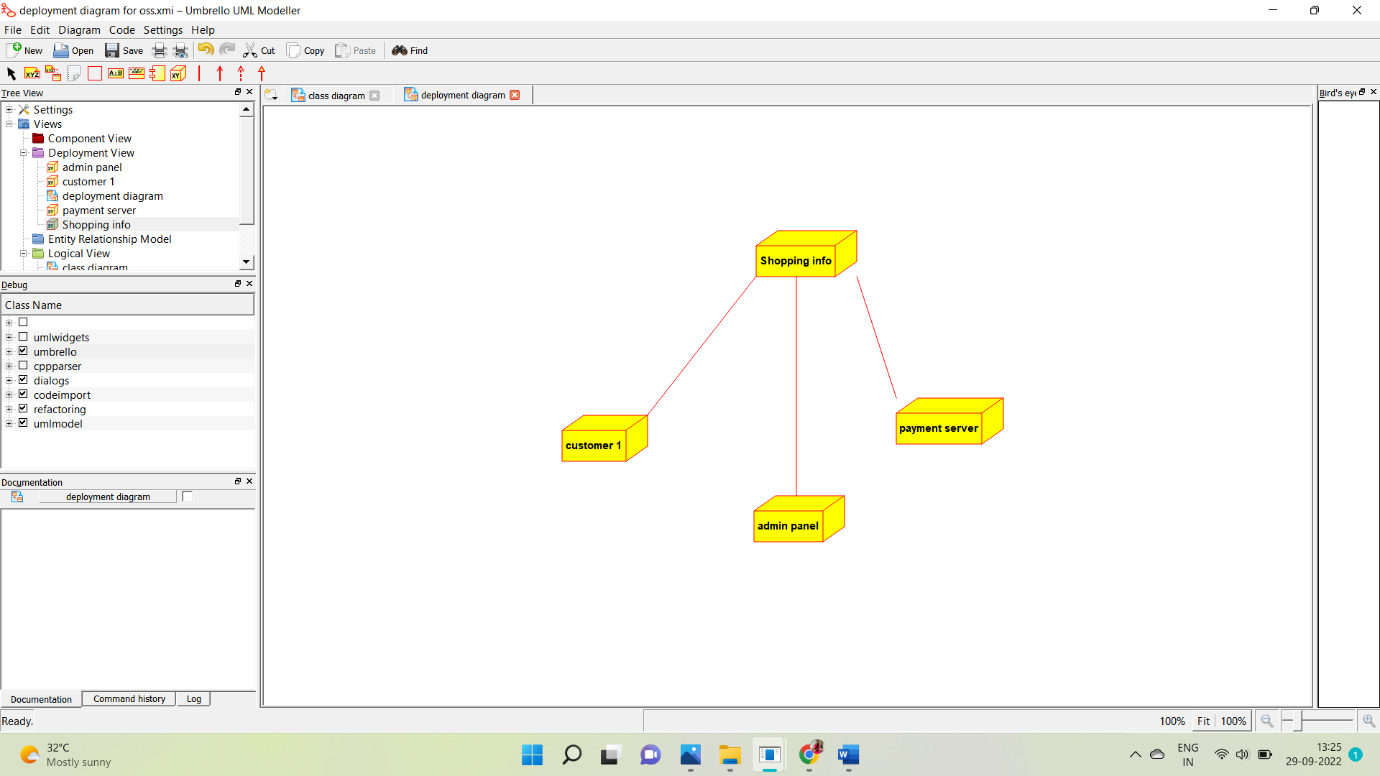
**STATE CHART DIAGRAM:**



**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**PROGRAM:**

**/\*\***

**\* Class shopping\_info**

**\*/**

**public class shopping\_info {**

**//**

**// Fields**

**//**

**private void customer\_details;**

**private void product\_details;**

**private void payment\_info;**

**//**

**// Constructors**

**//**

**public shopping\_info () { };**

**//**

**// Methods**

**//**

**//**

**// Accessor methods**

**//**

**/\*\***

**\* Set the value of customer\_details**

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

**\*/**

**private void setCustomer\_details (void newVar) {**

**customer\_details = newVar;**

**}**

**/\*\***

**\* Get the value of customer\_details**

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

**\*/**

**private void getCustomer\_details () {**

**return customer\_details;**

**}**

**/\*\***

**\* Set the value of product\_details**

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

**\*/**

**private void setProduct\_details (void newVar) {**

**product\_details = newVar;**

**}**

**/\*\***

**\* Get the value of product\_details**

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

**\*/**

**private void getProduct\_details () {**

**return product\_details;**

**}**

**/\*\***

**\* Set the value of payment\_info**

**\* @param newVar the new value of payment\_info**

**\*/**

**private void setPayment\_info (void newVar) {**

**payment\_info = newVar;**

**}**

**/\*\***

**\* Get the value of payment\_info**

**\* @return the value of payment\_info**

**\*/**

**private void getPayment\_info () {**

**return payment\_info;**

**}**

**//**

**// Other methods**

**//**

**/\*\***

**\*/**

**public void store\_customers\_details()**

**{**

**}**

**/\*\***

**\*/**

**public void record\_product()**

**{**

**}**

**/\*\***

**\*/**

**public void payment\_details()**

**{**

**}**

**}**

**/\*\***

**\* Class customer1**

**\*/**

**public class customer1 {**

**//**

**// Fields**

**//**

**private void cus\_info;**

**private void product\_request;**

**private void payment;**

**//**

**// Constructors**

**//**

**public customer1 () { };**

**//**

**// Methods**

**//**

**//**

**// Accessor methods**

**//**

**/\*\***

**\* Set the value of cus\_info**

**\* @param newVar the new value of cus\_info**

**\*/**

**private void setCus\_info (void newVar) {**

**cus\_info = newVar;**

**}**

**/\*\***

**\* Get the value of cus\_info**

**\* @return the value of cus\_info**

**\*/**

**private void getCus\_info () {**

**return cus\_info;**

**}**

**/\*\***

**\* Set the value of product\_request**

**\* @param newVar the new value of product\_request**

**\*/**

**private void setProduct\_request (void newVar) {**

**product\_request = newVar;**

**}**

**/\*\***

**\* Get the value of product\_request**

**\* @return the value of product\_request**

**\*/**

**private void getProduct\_request () {**

**return product\_request;**

**}**

**/\*\***

**\* Set the value of payment**

**\* @param newVar the new value of payment**

**\*/**

**private void setPayment (void newVar) {**

**payment = newVar;**

**}**

**/\*\***

**\* Get the value of payment**

**\* @return the value of payment**

**\*/**

**private void getPayment () {**

**return payment;**

**}**

**//**

**// Other methods**

**//**

**/\*\***

**\*/**

**public void give\_details()**

**{**

**}**

**/\*\***

**\*/**

**public void choose\_product()**

**{**

**}**

**/\*\***

**\*/**

**public void do\_payment()**

**{**

**}**

**}**

**/\*\***

**\* Class adminstrator\_1**

**\*/**

**public class adminstrator\_1 {**

**//**

**// Fields**

**//**

**private void cus\_details;**

**private void product\_details;**

**private void maintain\_db;**

**//**

**// Constructors**

**//**

**public adminstrator\_1 () { };**

**//**

**// Methods**

**//**

**//**

**// Accessor methods**

**//**

**/\*\***

**\* Set the value of cus\_details**

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

**\*/**

**private void setCus\_details (void newVar) {**

**cus\_details = newVar;**

**}**

**/\*\***

**\* Get the value of cus\_details**

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

**\*/**

**private void getCus\_details () {**

**return cus\_details;**

**}**

**/\*\***

**\* Set the value of product\_details**

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

**\*/**

**private void setProduct\_details (void newVar) {**

**product\_details = newVar;**

**}**

**/\*\***

**\* Get the value of product\_details**

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

**\*/**

**private void getProduct\_details () {**

**return product\_details;**

**}**

**/\*\***

**\* Set the value of maintain\_db**

**\* @param newVar the new value of maintain\_db**

**\*/**

**private void setMaintain\_db (void newVar) {**

**maintain\_db = newVar;**

**}**

**/\*\***

**\* Get the value of maintain\_db**

**\* @return the value of maintain\_db**

**\*/**

**private void getMaintain\_db () {**

**return maintain\_db;**

**}**

**//**

**// Other methods**

**//**

**/\*\***

**\*/**

**public void update\_cus\_details()**

**{**

**}**

**/\*\***

**\*/**

**public void store\_product\_details()**

**{**

**}**

**/\*\***

**\*/**

**public void update\_db()**

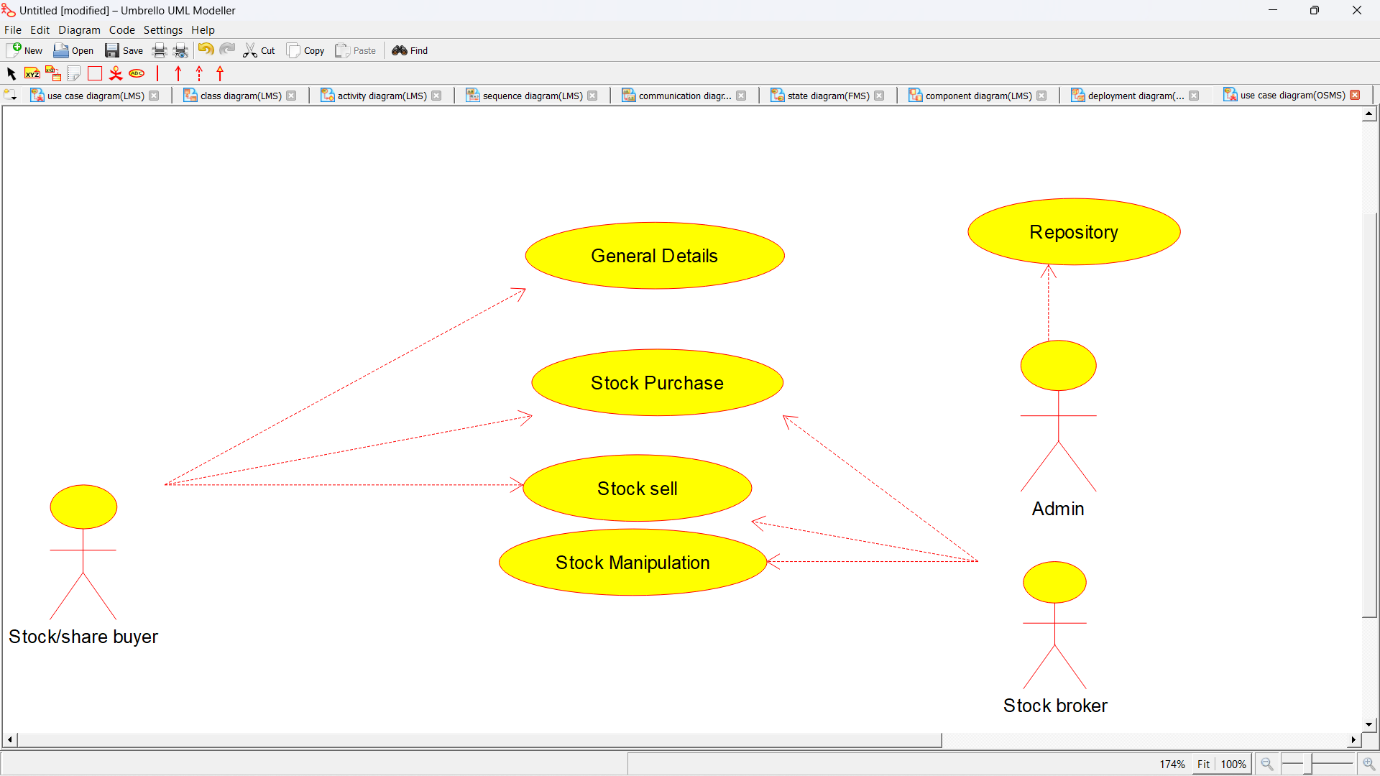
**{**

**}**

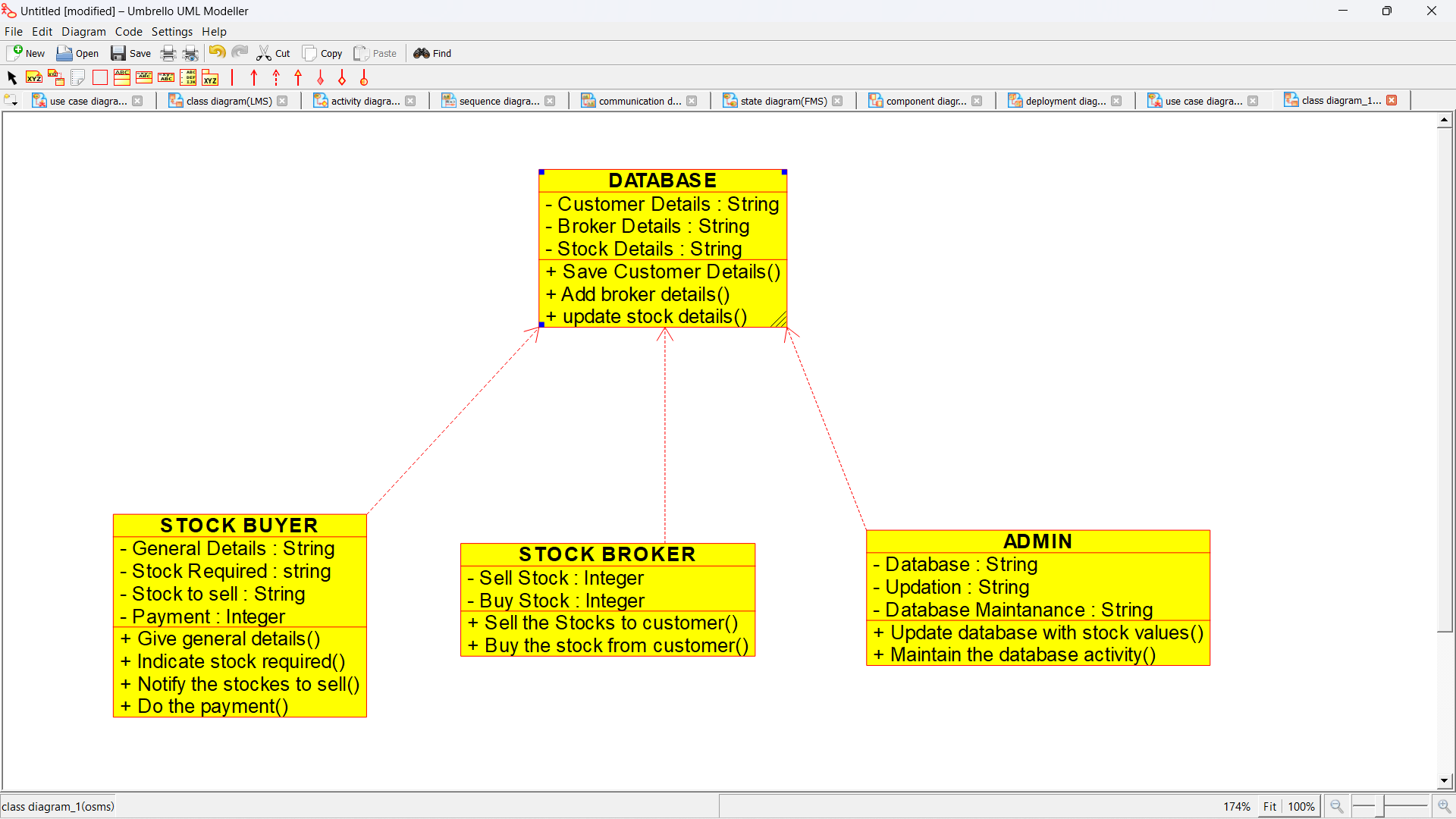
**}**

**EX NO:24 ONLINE STOCK MONITORING SYSTEM**

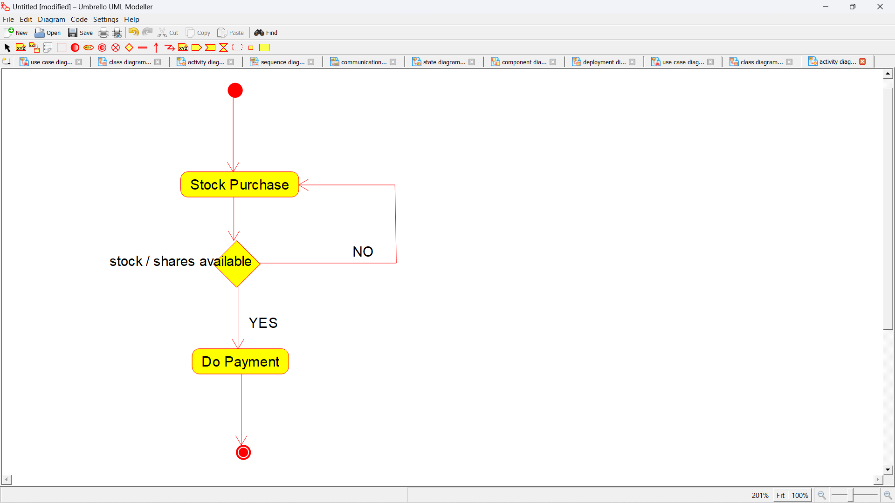
**USE CASE DIAGRAM:**



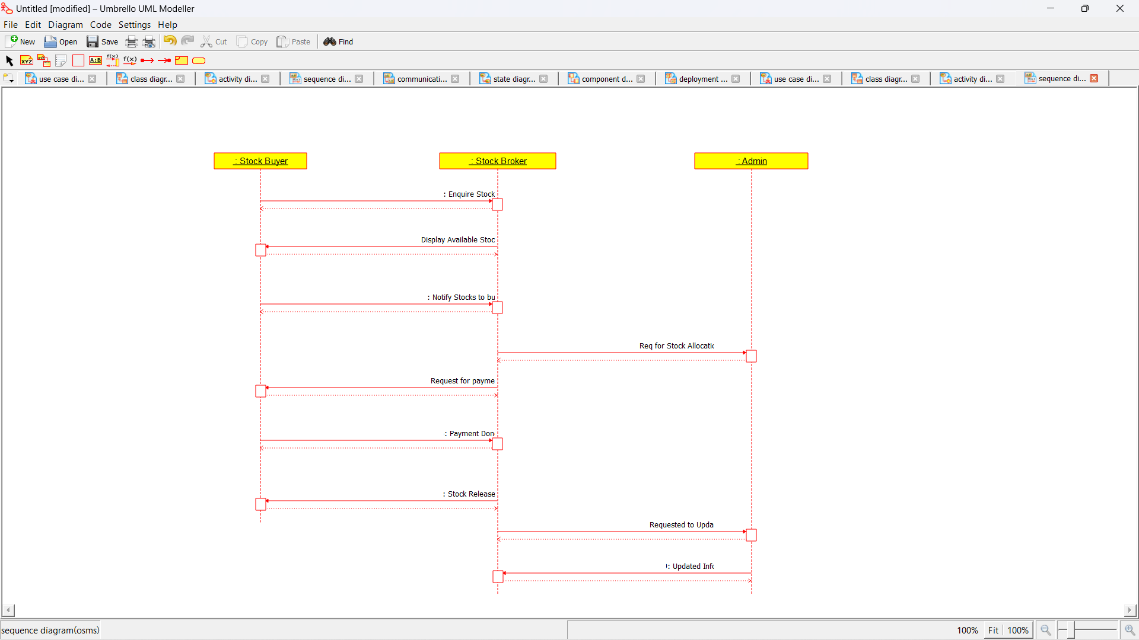
**CLASS DIAGRAM:**



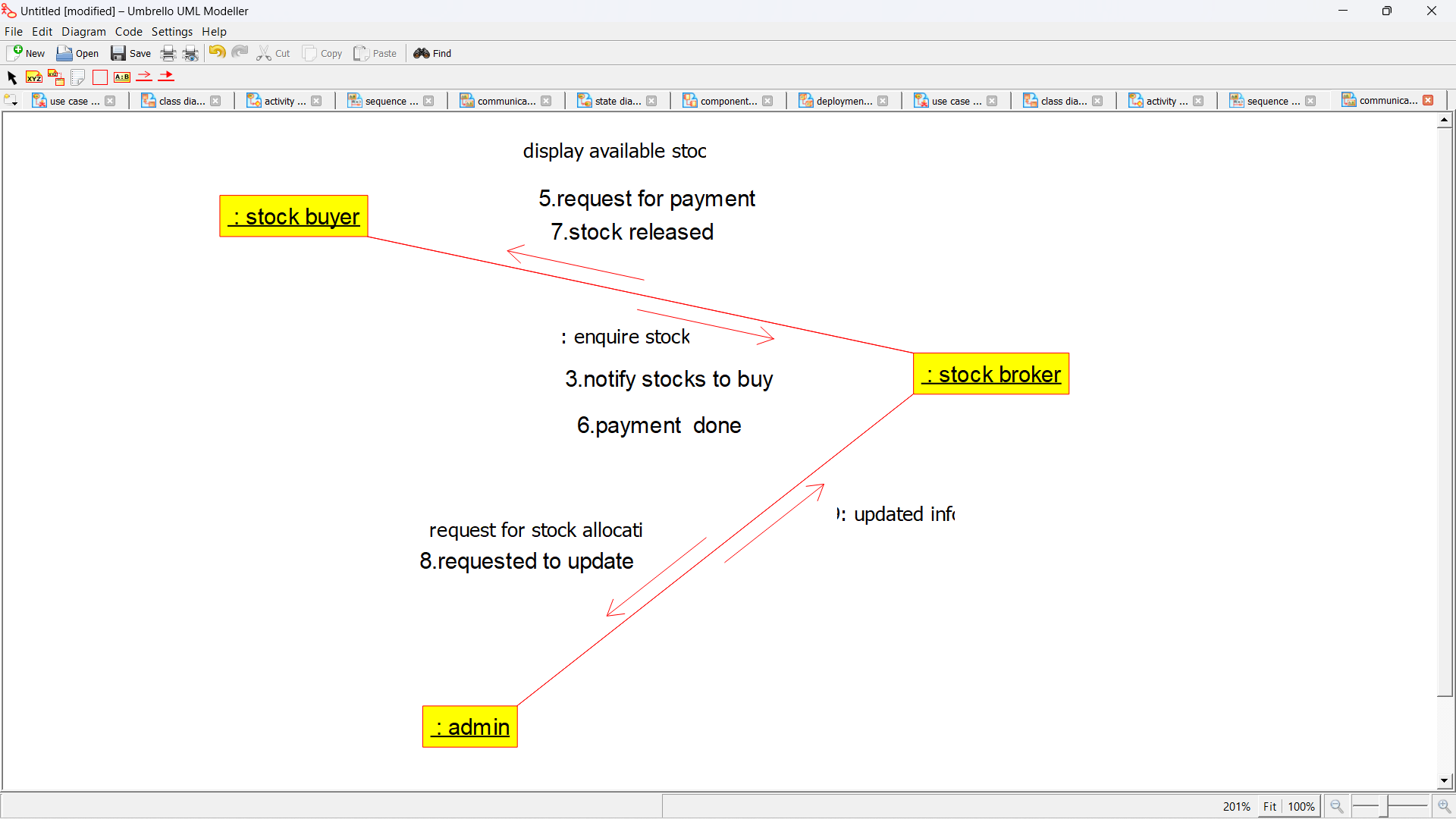
**ACTIVITY DIAGRAM:**



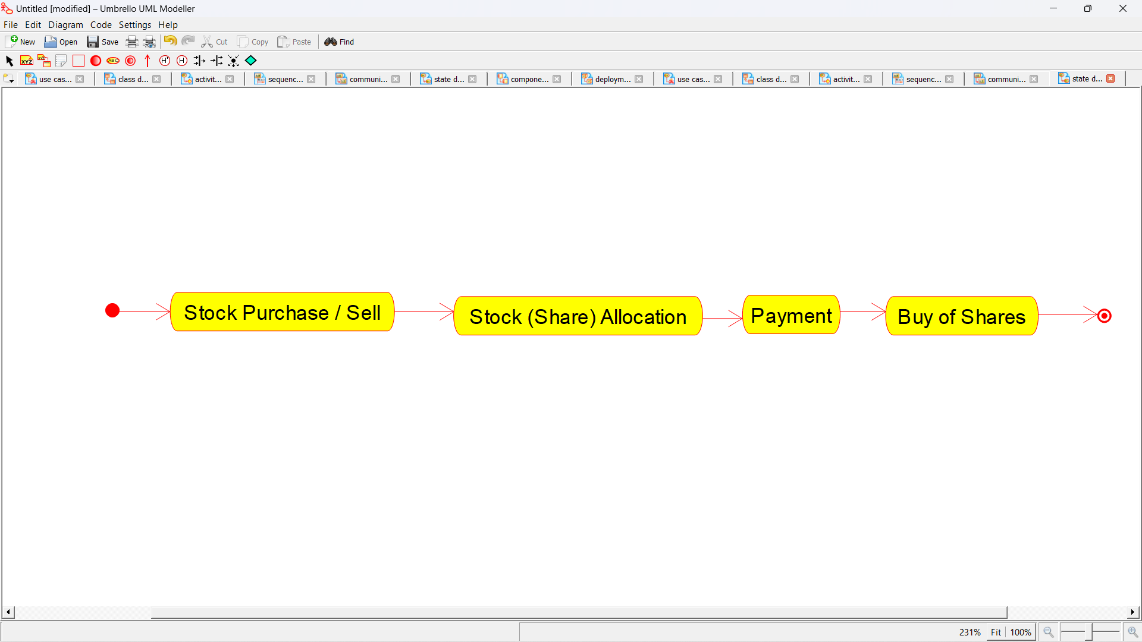
**SEQUENCE DIAGRAM:**



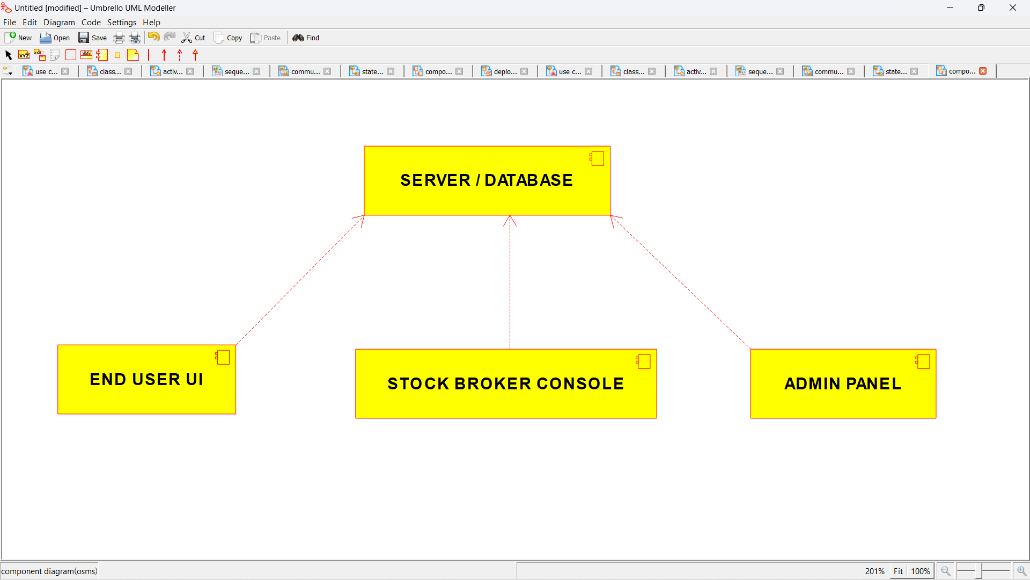
**COLLABORATION DIAGRAM:**



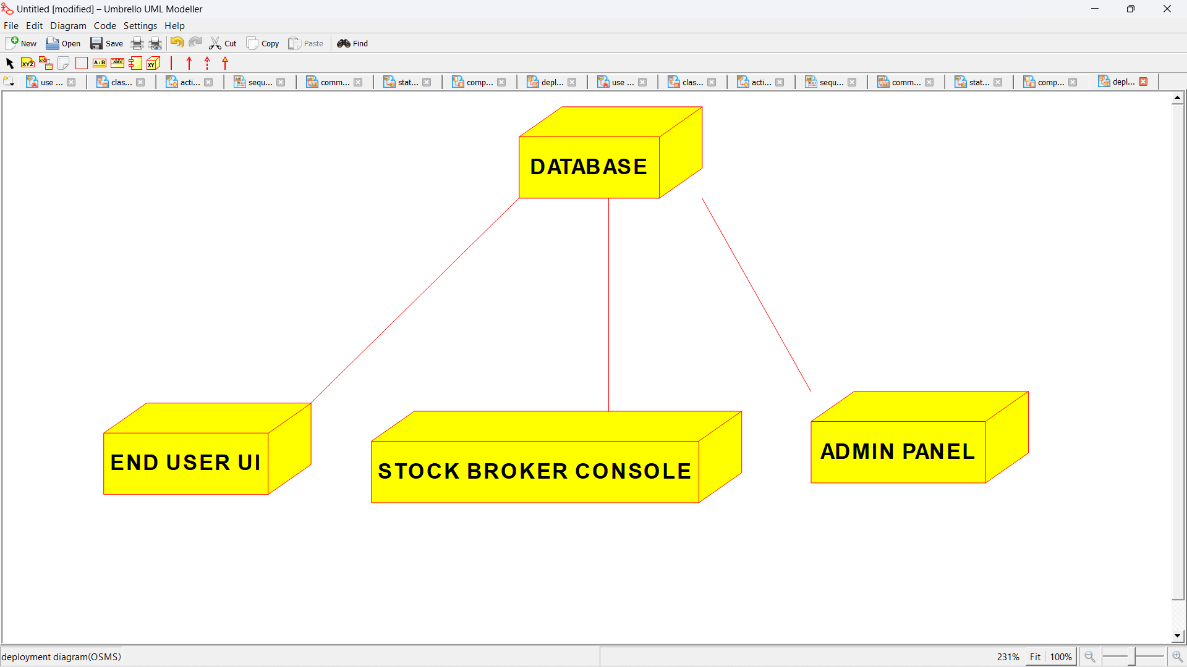
**STATE CHART DIAGRAM:**



**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**PROGRAM COD ING**

/\*\*

\* Class ADMIN

\*/

public class ADMIN {

//

// Fields

//

private String Database;

private String Updation;

private String Database\_Maintanance;

//

// Constructors

//

public ADMIN () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Database

\* @param newVar the new value of Database

\*/

private void setDatabase (String newVar) {

Database = newVar;

}

/\*\*

\* Get the value of Database

\* @return the value of Database

\*/

private String getDatabase () {

return Database;

}

/\*\*

\* Set the value of Updation

\* @param newVar the new value of Updation

\*/

private void setUpdation (String newVar) {

Updation = newVar;

}

/\*\*

\* Get the value of Updation

\* @return the value of Updation

\*/

private String getUpdation () {

return Updation;

}

/\*\*

\* Set the value of Database\_Maintanance

\* @param newVar the new value of Database\_Maintanance

\*/

private void setDatabase\_Maintanance (String newVar) {

Database\_Maintanance = newVar;

}

/\*\*

\* Get the value of Database\_Maintanance

\* @return the value of Database\_Maintanance

\*/

private String getDatabase\_Maintanance () {

return Database\_Maintanance;

}

//

// Other methods

//

/\*\*

\*/

public void Update\_database\_with\_stock\_values()

{

}

/\*\*

\*/

public void Maintain\_the\_database\_activity()

{

}

}

/\*\*

\* Class DATABASE

\*/

public class DATABASE {

//

// Fields

//

private String Customer\_Details;

private String Broker\_Details;

private String Stock\_Details;

//

// Constructors

//

public DATABASE () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Customer\_Details

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

\*/

private void setCustomer\_Details (String newVar) {

Customer\_Details = newVar;

}

/\*\*

\* Get the value of Customer\_Details

\* @return the value of Customer\_Details

\*/

private String getCustomer\_Details () {

return Customer\_Details;

}

/\*\*

\* Set the value of Broker\_Details

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

\*/

private void setBroker\_Details (String newVar) {

Broker\_Details = newVar;

}

/\*\*

\* Get the value of Broker\_Details

\* @return the value of Broker\_Details

\*/

private String getBroker\_Details () {

return Broker\_Details;

}

/\*\*

\* Set the value of Stock\_Details

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

\*/

private void setStock\_Details (String newVar) {

Stock\_Details = newVar;

}

/\*\*

\* Get the value of Stock\_Details

\* @return the value of Stock\_Details

\*/

private String getStock\_Details () {

return Stock\_Details;

}

//

// Other methods

//

/\*\*

\*/

public void Save\_Customer\_Details()

{

}

/\*\*

\*/

public void Add\_broker\_details()

{

}

/\*\*

\*/

public void update\_stock\_details()

{

}

}

/\*\*

\* Class STOCK\_BROKER

\*/

public class STOCK\_BROKER {

//

// Fields

//

private Integer Sell\_Stock;

private Integer Buy\_Stock;

//

// Constructors

//

public STOCK\_BROKER () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Sell\_Stock

\* @param newVar the new value of Sell\_Stock

\*/

private void setSell\_Stock (Integer newVar) {

Sell\_Stock = newVar;

}

/\*\*

\* Get the value of Sell\_Stock

\* @return the value of Sell\_Stock

\*/

private Integer getSell\_Stock () {

return Sell\_Stock;

}

/\*\*

\* Set the value of Buy\_Stock

\* @param newVar the new value of Buy\_Stock

\*/

private void setBuy\_Stock (Integer newVar) {

Buy\_Stock = newVar;

}

/\*\*

\* Get the value of Buy\_Stock

\* @return the value of Buy\_Stock

\*/

private Integer getBuy\_Stock () {

return Buy\_Stock;

}

//

// Other methods

//

/\*\*

\*/

public void Sell\_the\_Stocks\_to\_customer()

{

}

/\*\*

\*/

public void Buy\_the\_stock\_from\_customer()

{

}

}

/\*\*

\* Class STOCK\_BUYER

\*/

public class STOCK\_BUYER {

//

// Fields

//

private String General\_Details;

private String Stock\_Required;

private String Stock\_to\_sell;

private Integer Payment;

//

// Constructors

//

public STOCK\_BUYER () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of General\_Details

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

\*/

private void setGeneral\_Details (String newVar) {

General\_Details = newVar;

}

/\*\*

\* Get the value of General\_Details

\* @return the value of General\_Details

\*/

private String getGeneral\_Details () {

return General\_Details;

}

/\*\*

\* Set the value of Stock\_Required

\* @param newVar the new value of Stock\_Required

\*/

private void setStock\_Required (String newVar) {

Stock\_Required = newVar;

}

/\*\*

\* Get the value of Stock\_Required

\* @return the value of Stock\_Required

\*/

private String getStock\_Required () {

return Stock\_Required;

}

/\*\*

\* Set the value of Stock\_to\_sell

\* @param newVar the new value of Stock\_to\_sell

\*/

private void setStock\_to\_sell (String newVar) {

Stock\_to\_sell = newVar;

}

/\*\*

\* Get the value of Stock\_to\_sell

\* @return the value of Stock\_to\_sell

\*/

private String getStock\_to\_sell () {

return Stock\_to\_sell;

}

/\*\*

\* Set the value of Payment

\* @param newVar the new value of Payment

\*/

private void setPayment (Integer newVar) {

Payment = newVar;

}

/\*\*

\* Get the value of Payment

\* @return the value of Payment

\*/

private Integer getPayment () {

return Payment;

}

//

// Other methods

//

/\*\*

\*/

public void Give\_general\_details()

{

}

/\*\*

\*/

public void Indicate\_stock\_required()

{

}

/\*\*

\*/

public void Notify\_the\_stockes\_to\_sell()

{

}

/\*\*

\*/

public void Do\_the\_payment()

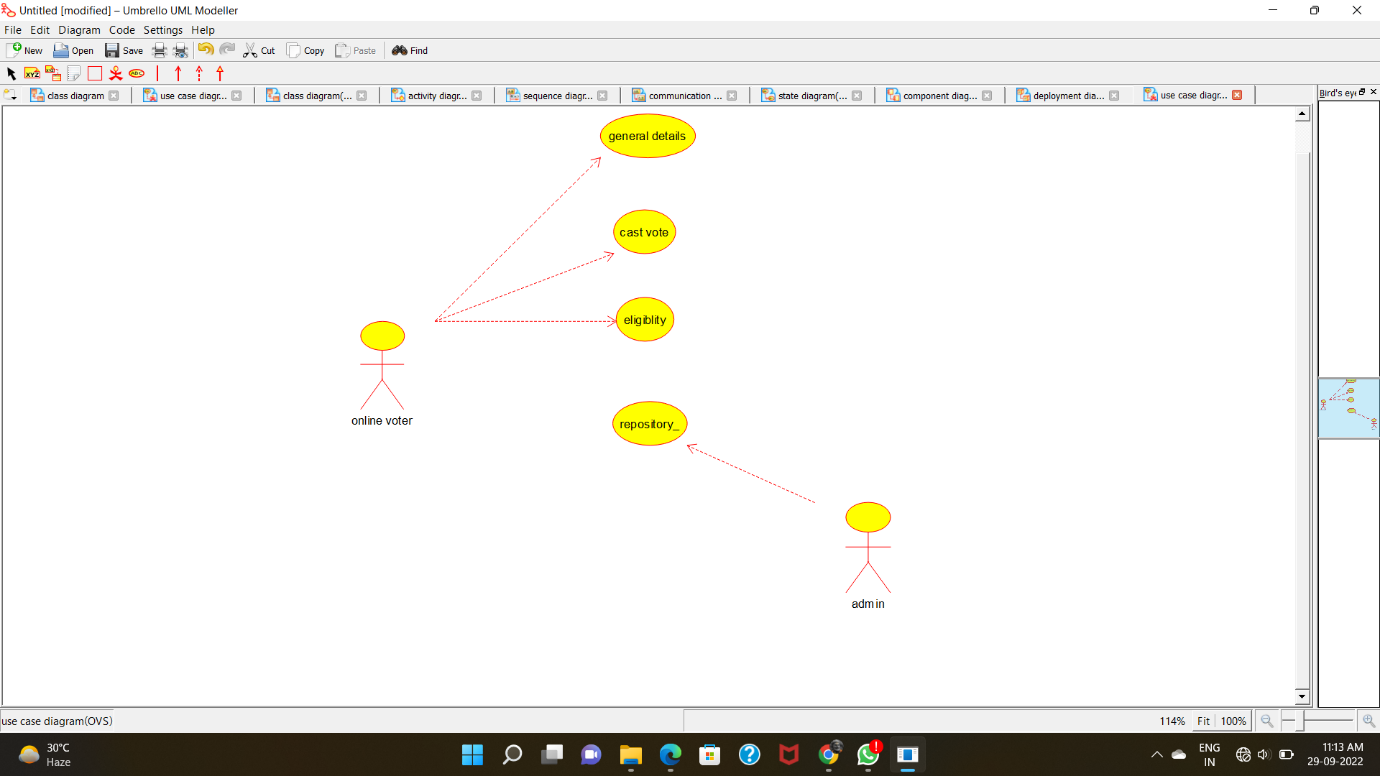
{

}

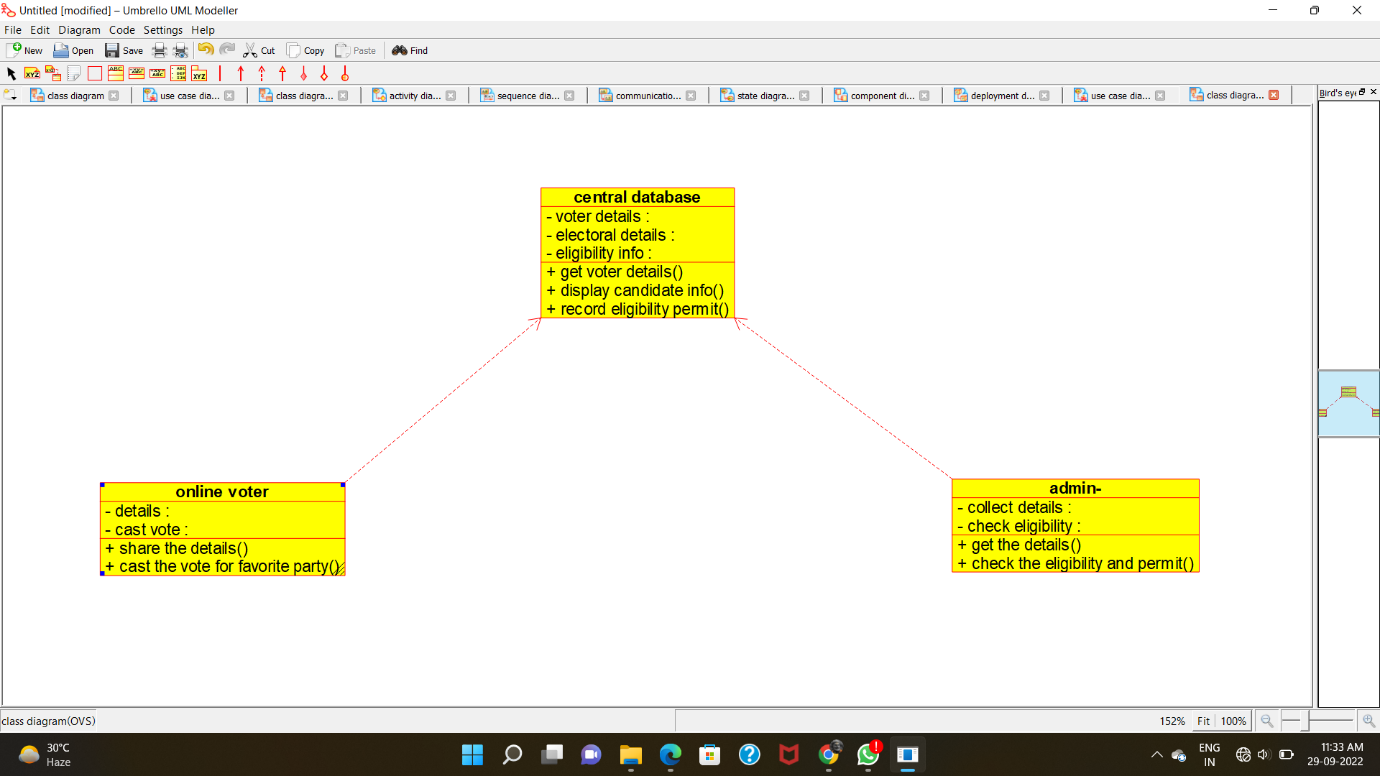
}

**EX NO 25: ONLINE VOTING SYSTEM**

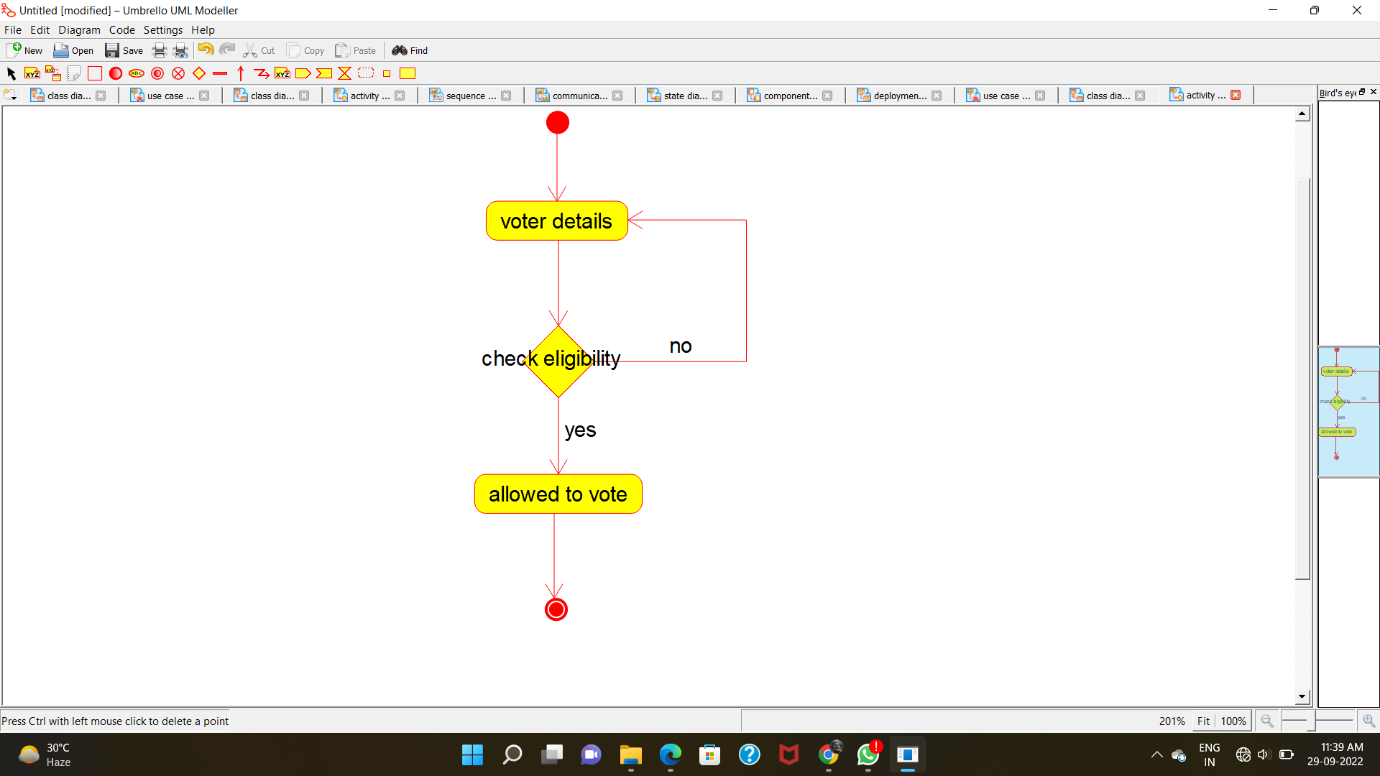
**USECASE DIAGRAM:**



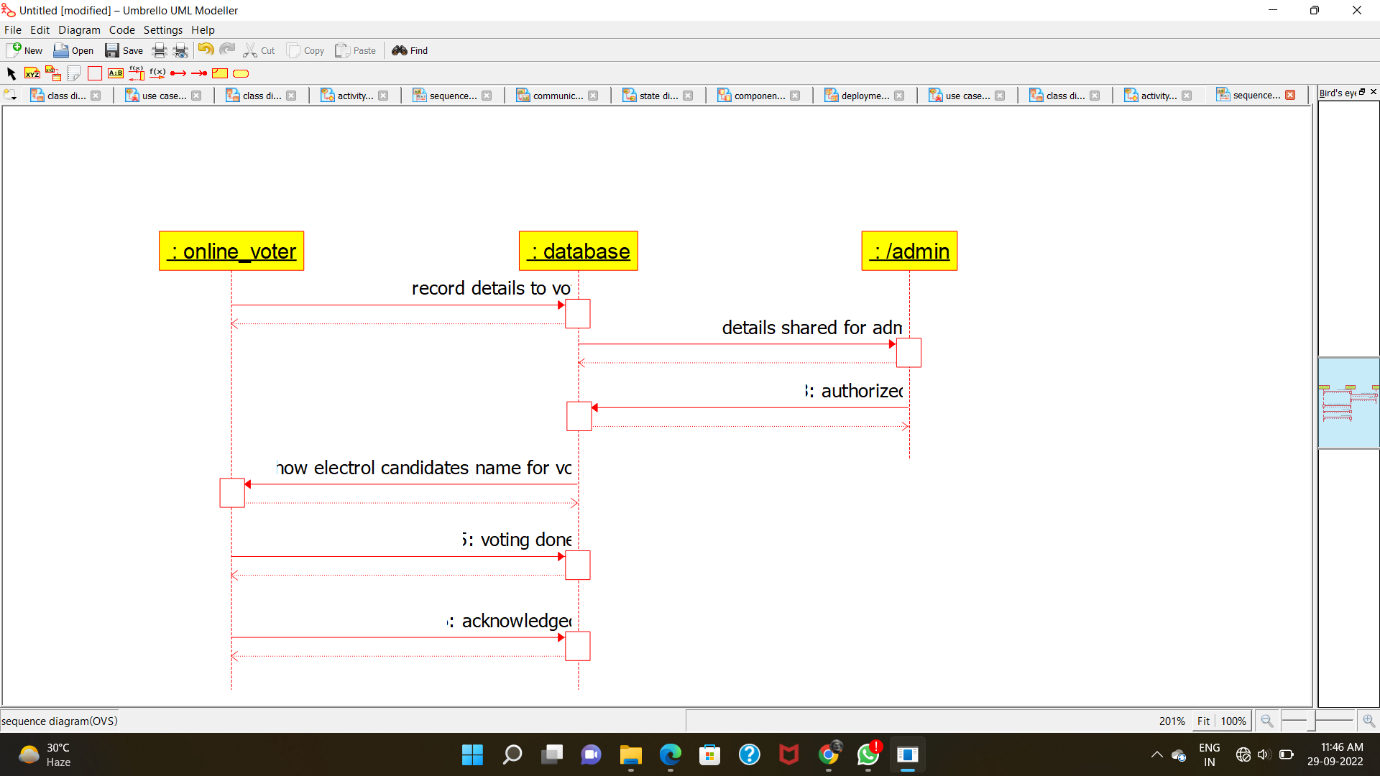
**CLASS DIAGRAM:**



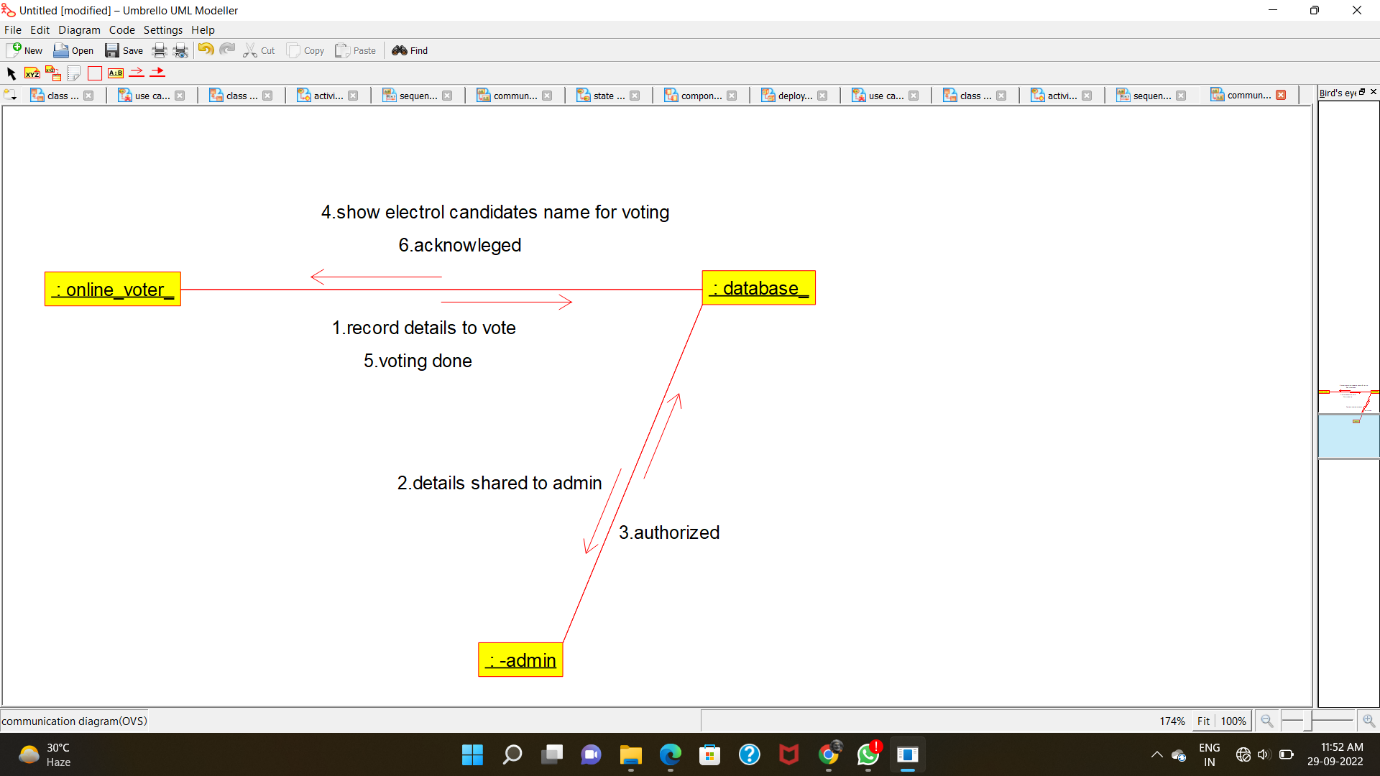
**ACTIVITY DIAGRAM:**



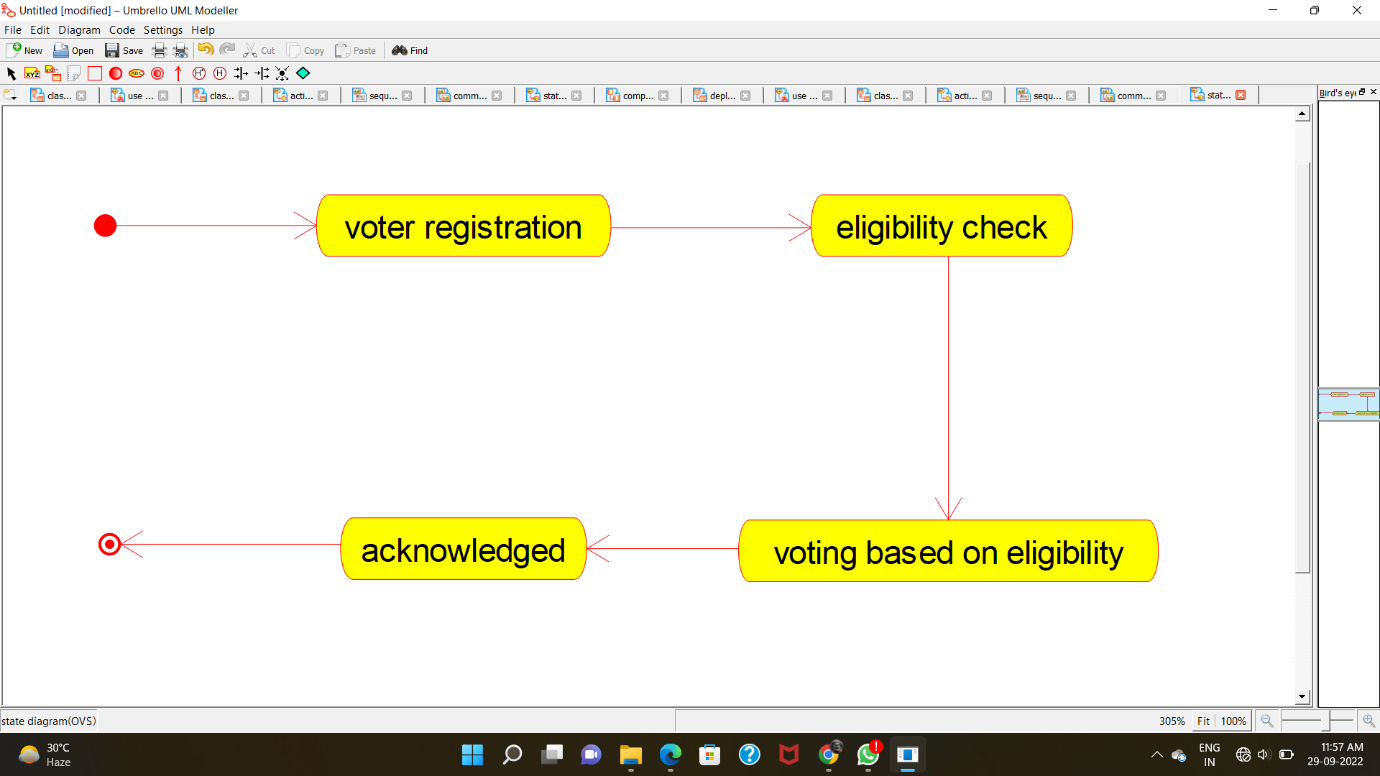
**SEQUENCE DIAGRAM:**



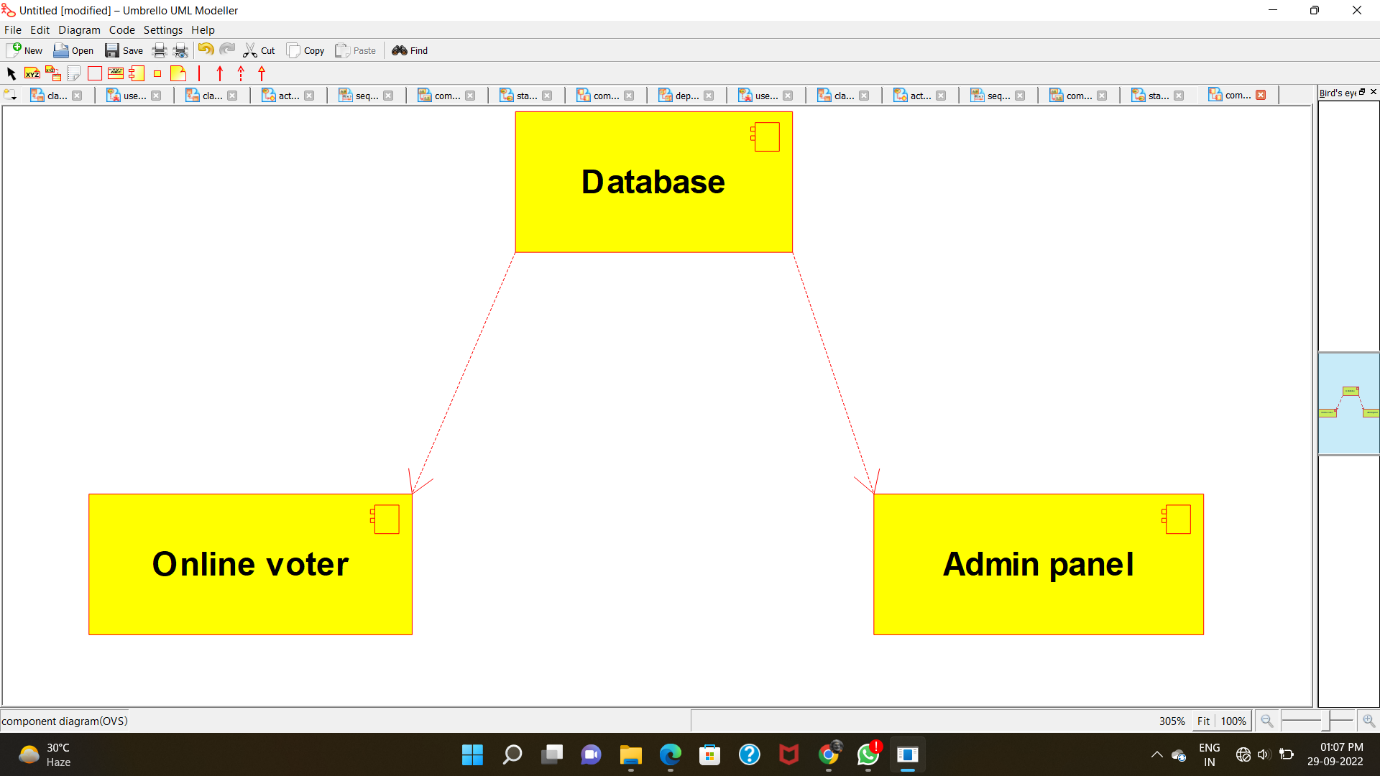
**COLLABORATION DIAGRAM:**



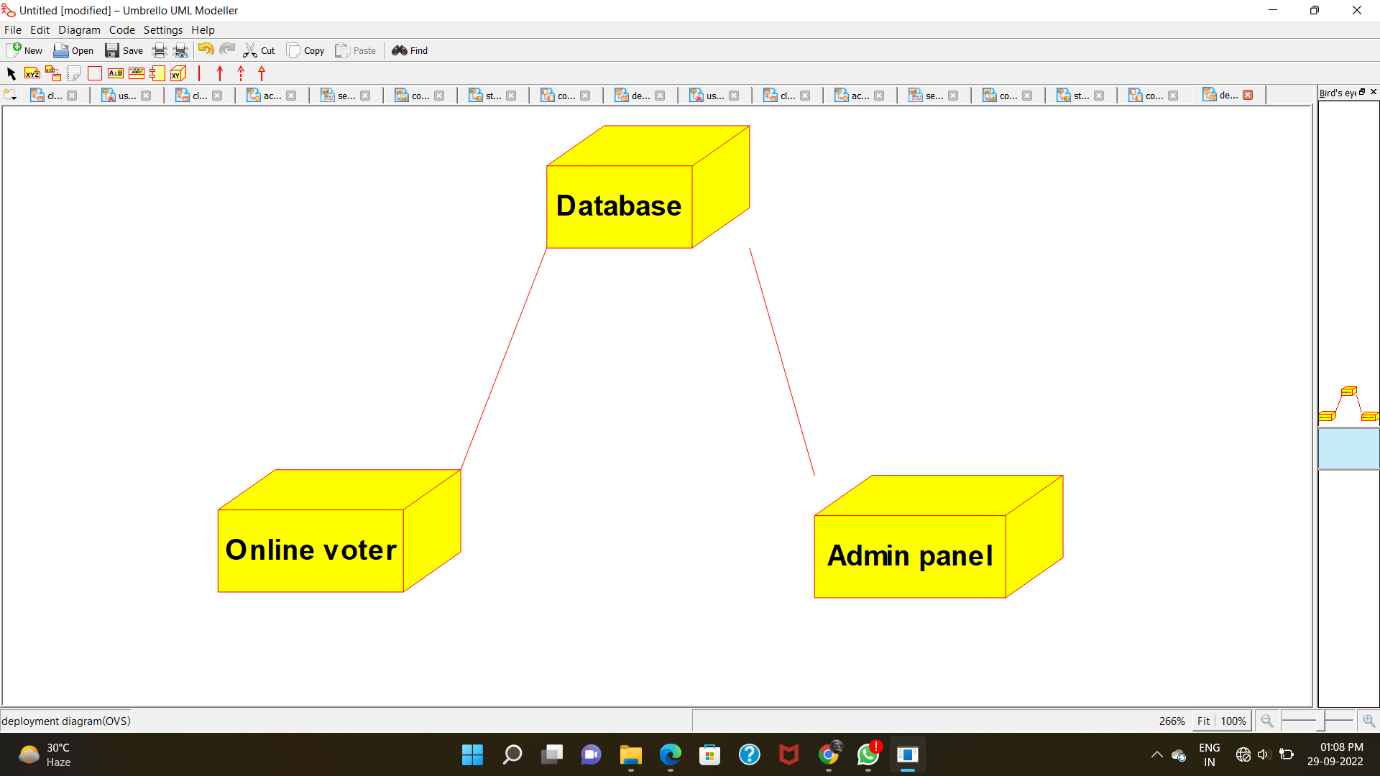
**STATE-CHART DIAGRAM:**



**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**PROGRAM CODE:**

**CENTRAL DATABASE:**

/\*\*

\* Class central\_database

\*/

public class central\_database {

//

// Fields

//

private void voter\_details;

private void electoral\_details;

private void eligibility\_info;

//

// Constructors

//

public central\_database () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of voter\_details

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

\*/

private void setVoter\_details (void newVar) {

voter\_details = newVar;

}

/\*\*

\* Get the value of voter\_details

\* @return the value of voter\_details

\*/

private void getVoter\_details () {

return voter\_details;

}

/\*\*

\* Set the value of electoral\_details

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

\*/

private void setElectoral\_details (void newVar) {

electoral\_details = newVar;

}

/\*\*

\* Get the value of electoral\_details

\* @return the value of electoral\_details

\*/

private void getElectoral\_details () {

return electoral\_details;

}

/\*\*

\* Set the value of eligibility\_info

\* @param newVar the new value of eligibility\_info

\*/

private void setEligibility\_info (void newVar) {

eligibility\_info = newVar;

}

/\*\*

\* Get the value of eligibility\_info

\* @return the value of eligibility\_info

\*/

private void getEligibility\_info () {

return eligibility\_info;

}

//

// Other methods

//

/\*\*

\*/

public void get\_voter\_details()

{

}

/\*\*

\*/

public void display\_candidate\_info()

{

}

/\*\*

\*/

public void record\_eligibility\_permit()

{

}

ONLINE VOTER:

/\*\*

\* Class online\_voter

\*/

public class online\_voter {

//

// Fields

//

private void details;

private void cast\_vote;

//

// Constructors

//

public online\_voter () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of details

\* @param newVar the new value of details

\*/

private void setDetails (void newVar) {

details = newVar;

}

/\*\*

\* Get the value of details

\* @return the value of details

\*/

private void getDetails () {

return details;

}

/\*\*

\* Set the value of cast\_vote

\* @param newVar the new value of cast\_vote

\*/

private void setCast\_vote (void newVar) {

cast\_vote = newVar;

}

/\*\*

\* Get the value of cast\_vote

\* @return the value of cast\_vote

\*/

private void getCast\_vote () {

return cast\_vote;

}

//

// Other methods

//

/\*\*

\*/

public void share\_the\_details()

{

}

/\*\*

\*/

public void cast\_the\_vote\_for\_favorite\_party()

{

}

}

ADMIN:

/\*\*

\* Class admin\_

\*/

public class admin\_ {

//

// Fields

//

private void collect\_details;

private void check\_eligibility;

//

// Constructors

//

public admin\_ () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of collect\_details

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

\*/

private void setCollect\_details (void newVar) {

collect\_details = newVar;

}

/\*\*

\* Get the value of collect\_details

\* @return the value of collect\_details

\*/

private void getCollect\_details () {

return collect\_details;

}

/\*\*

\* Set the value of check\_eligibility

\* @param newVar the new value of check\_eligibility

\*/

private void setCheck\_eligibility (void newVar) {

check\_eligibility = newVar;

}

/\*\*

\* Get the value of check\_eligibility

\* @return the value of check\_eligibility

\*/

private void getCheck\_eligibility () {

return check\_eligibility;

}

//

// Other methods

//

/\*\*

\*/

public void get\_the\_details()

{

}

/\*\*

\*/

public void check\_the\_eligibility\_and\_permit()

{

}

}