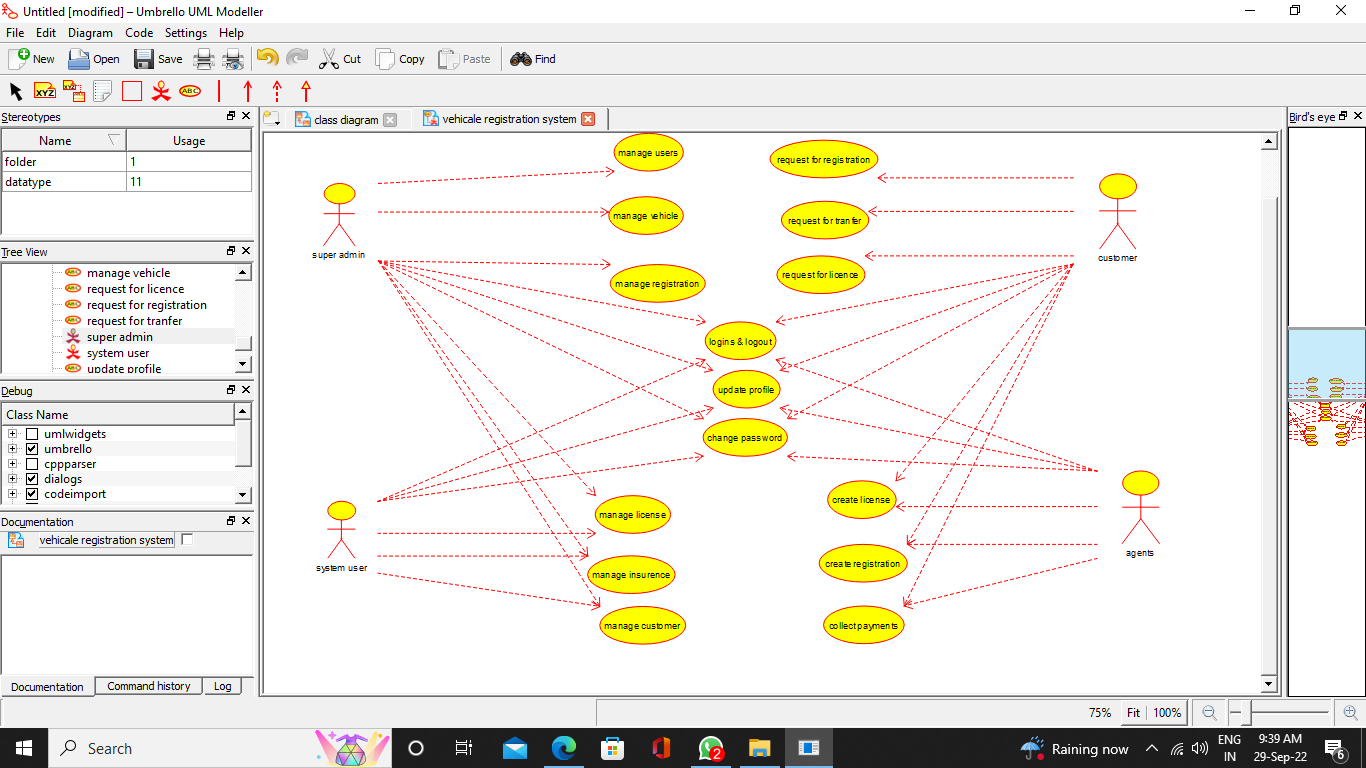
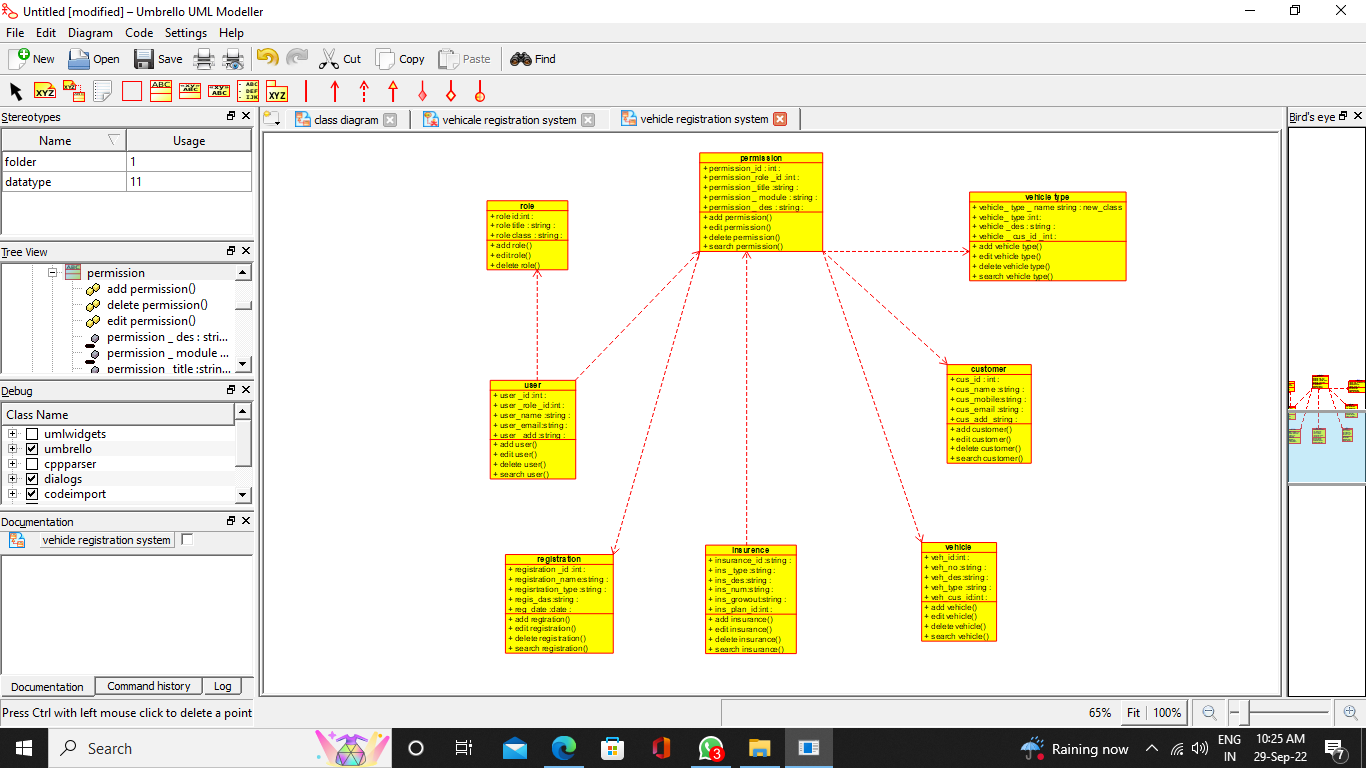
**17.VEHICLE REGISTRATION SYSTEM**

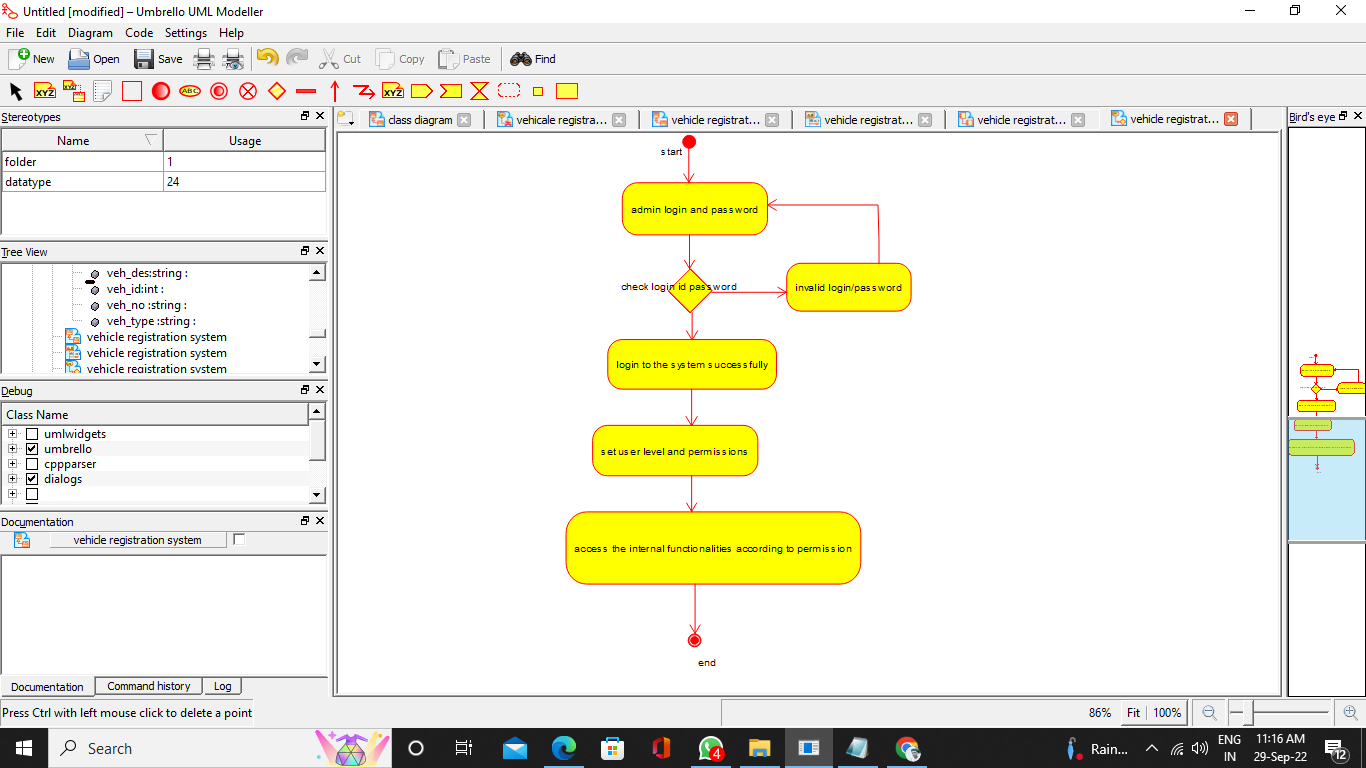
**1) USE CASE DIAGRAM**

****

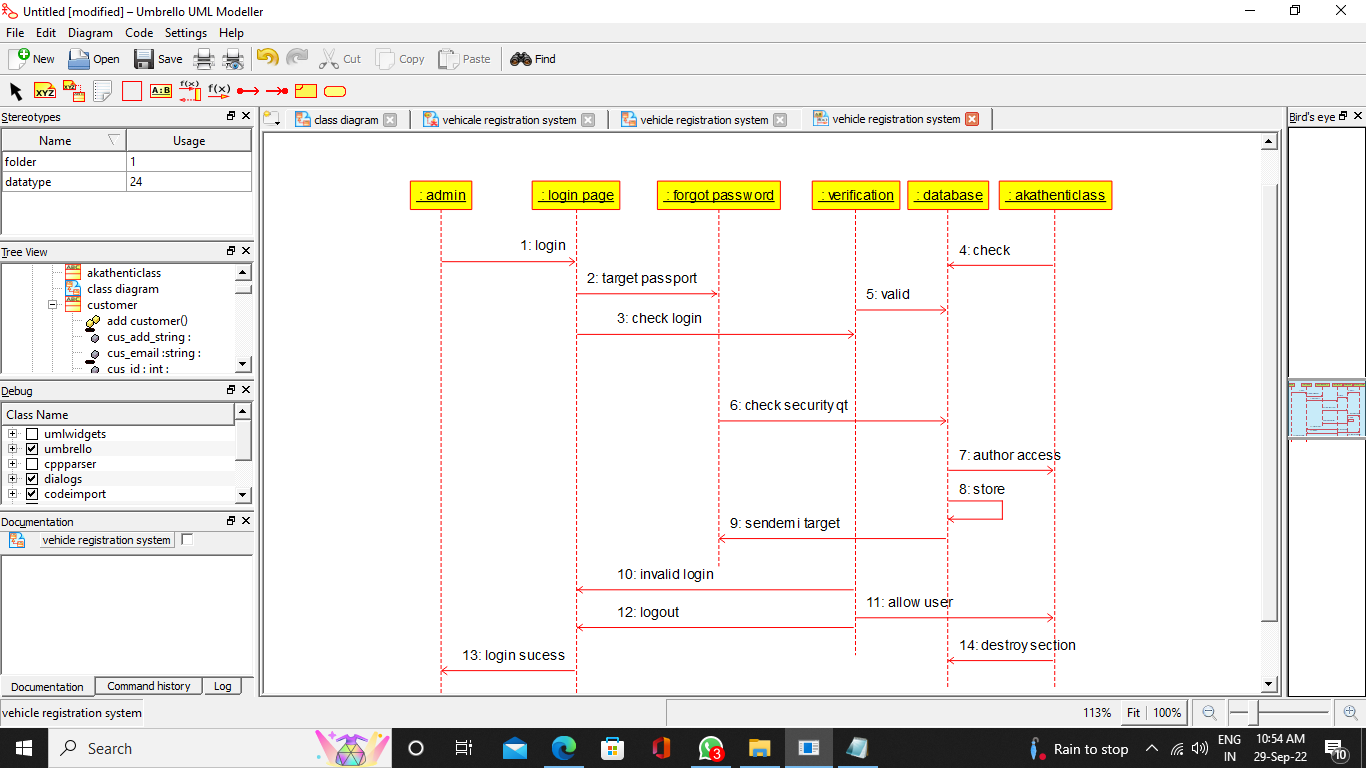
**2) CLASS DIAGRAM**

****

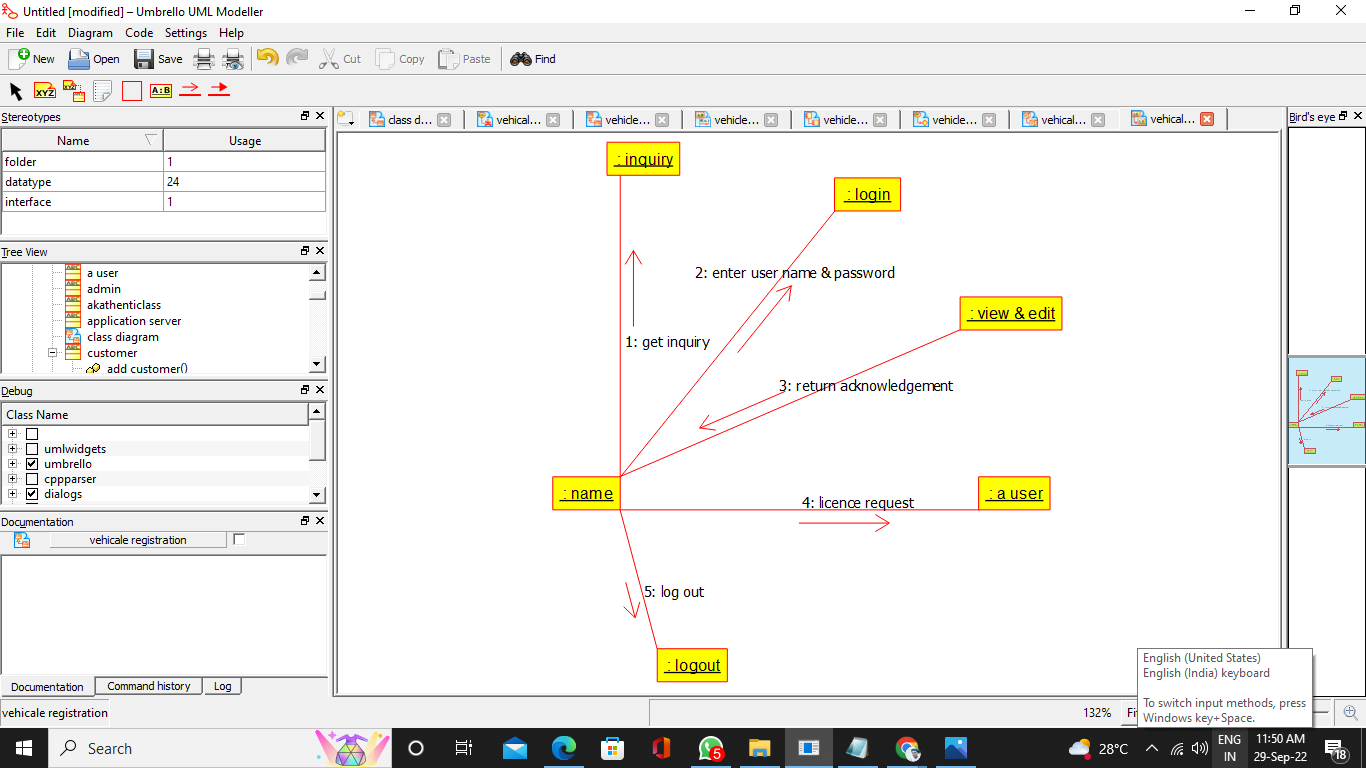
**3) ACTIVITY DIAGRAM**

****

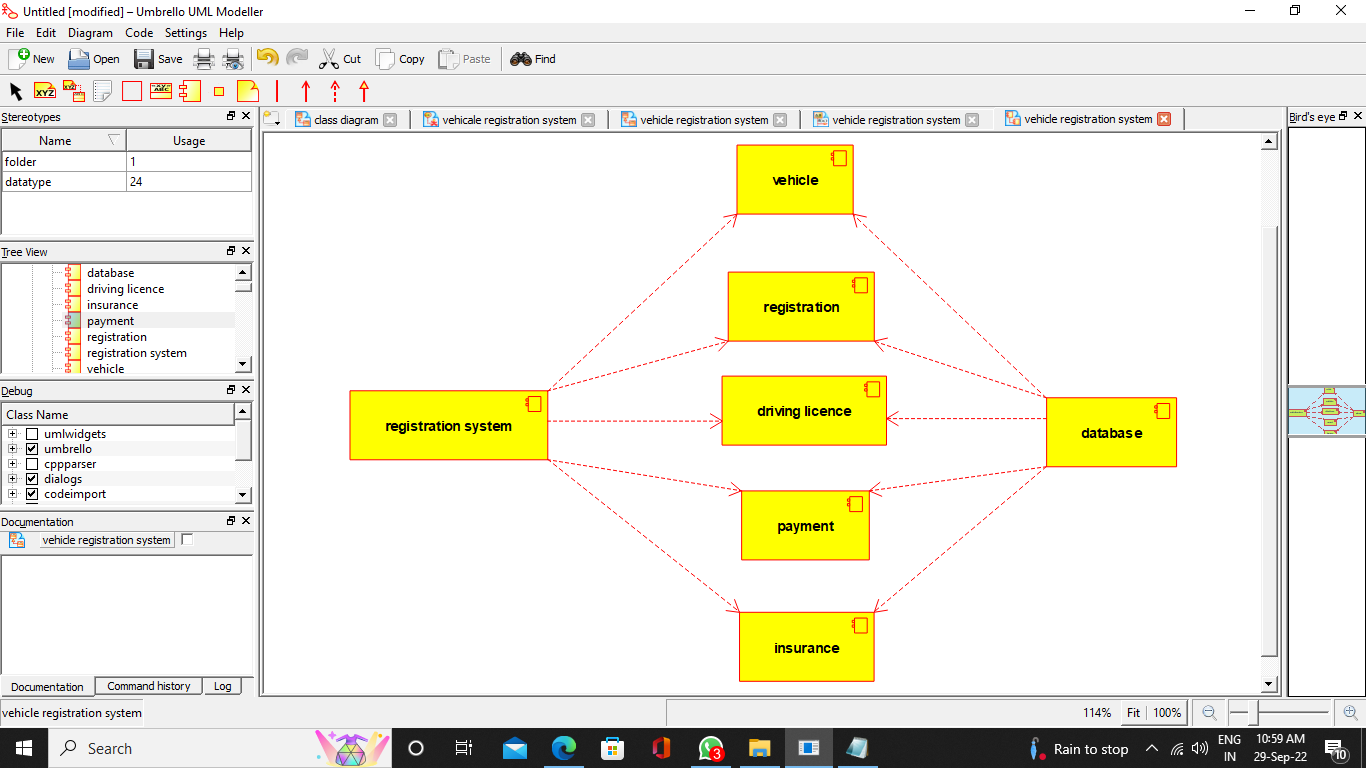
**4)SEQUENCE DIAGRAM**

****

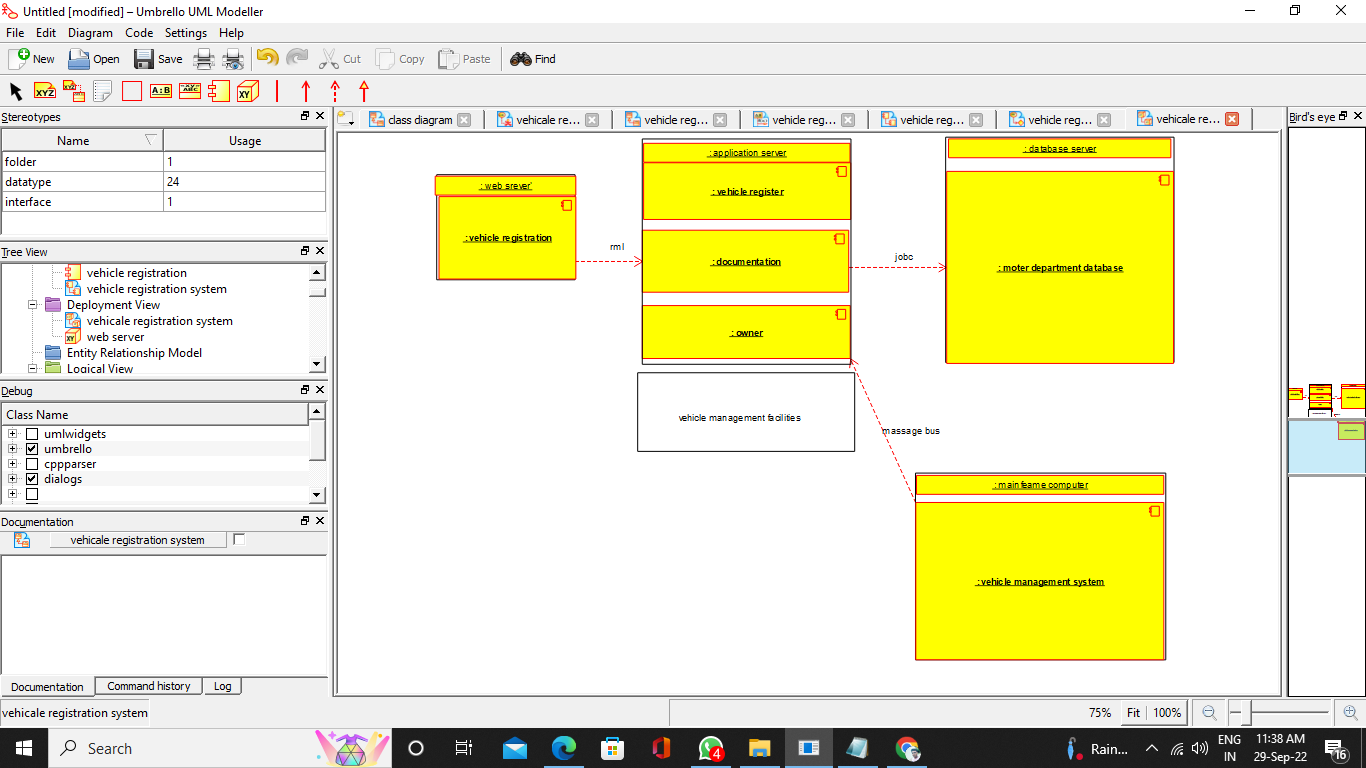
**5) COLLABORATION DIAGRAM**

****

**6) COMPONENT DIAGRAM**

****

**7) 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()

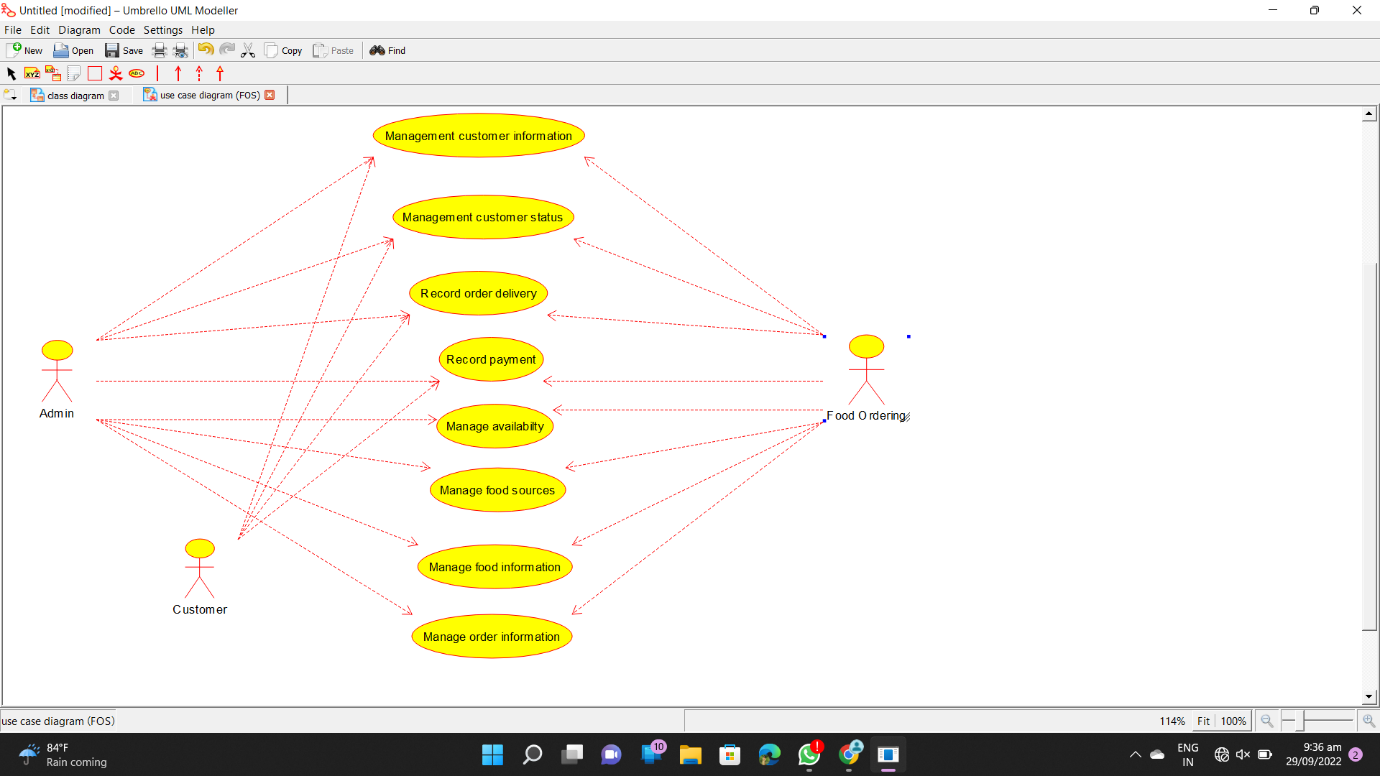
{

}

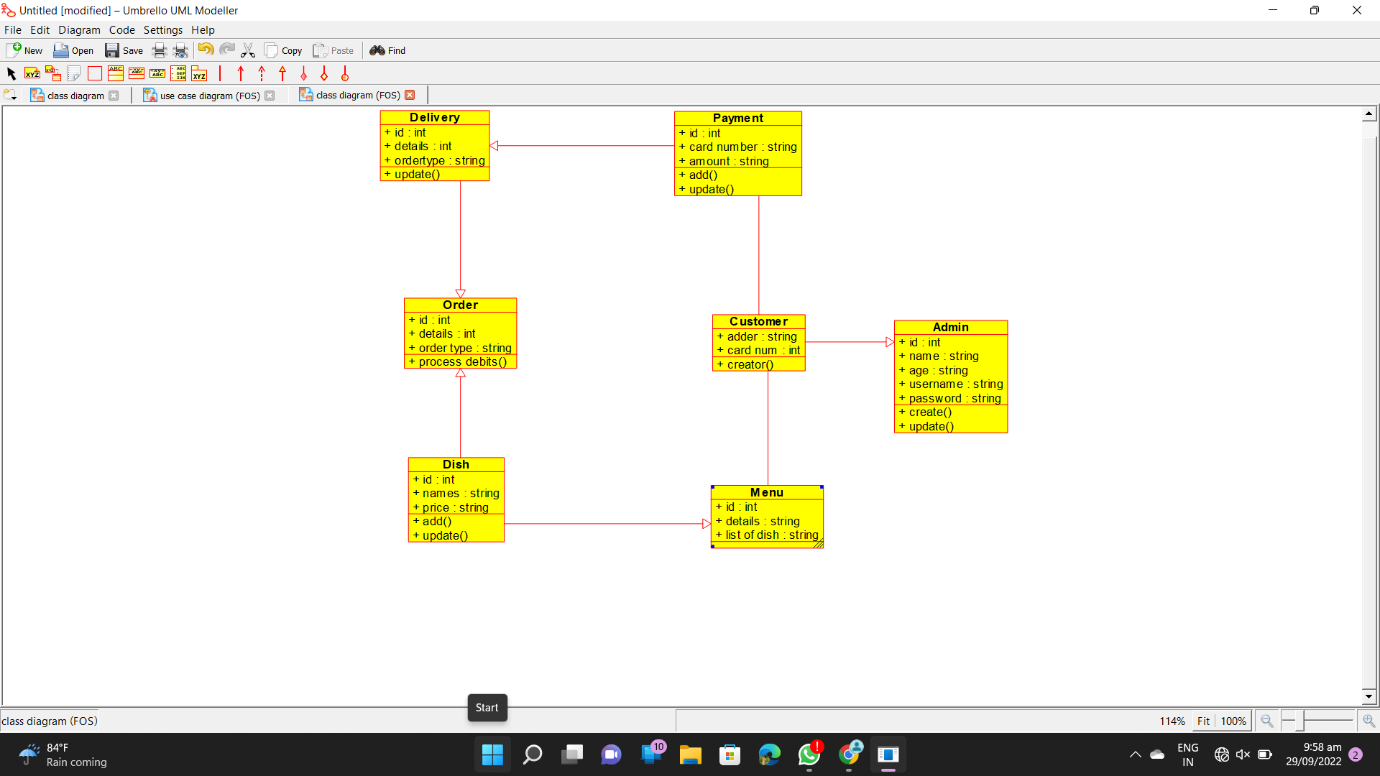
}

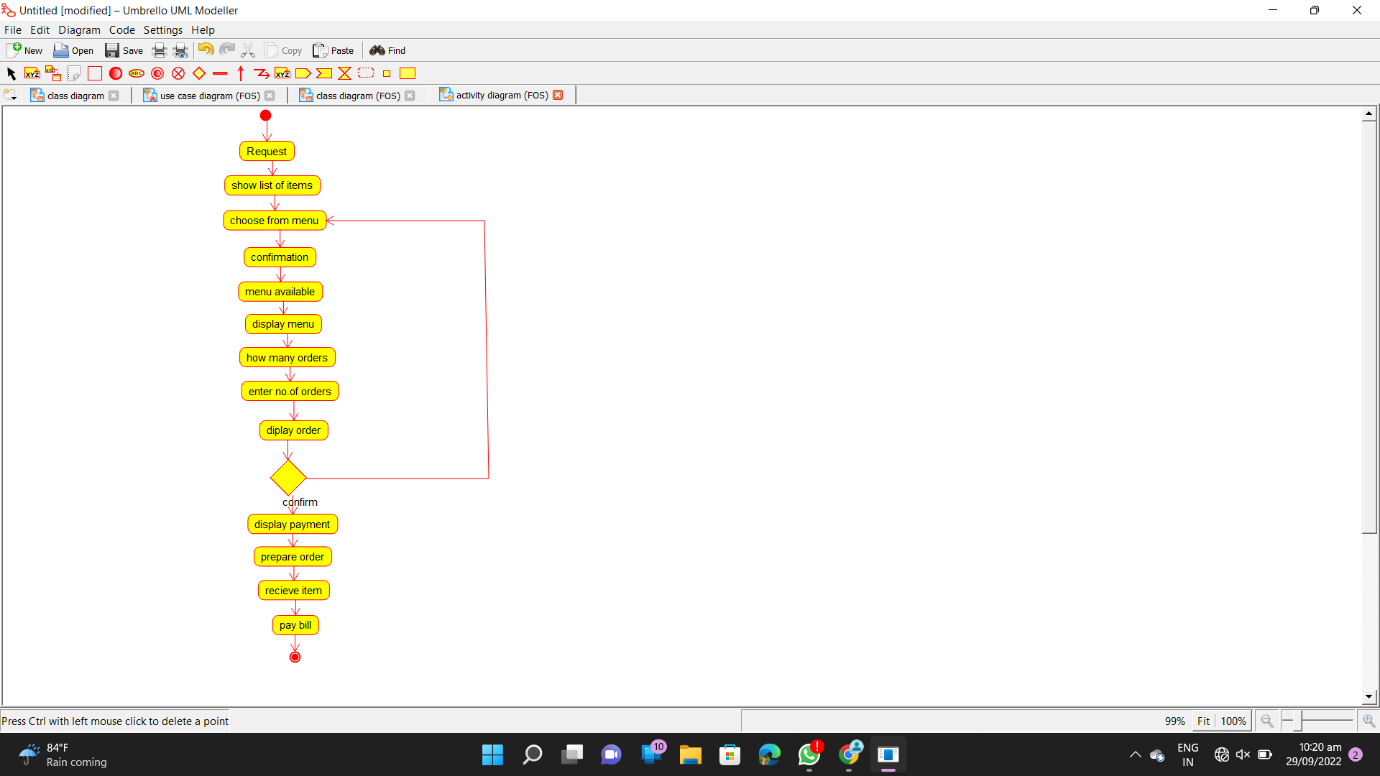
**18.FOOD ORDERING SYSTEM**

USECASE DIAGRAM :-

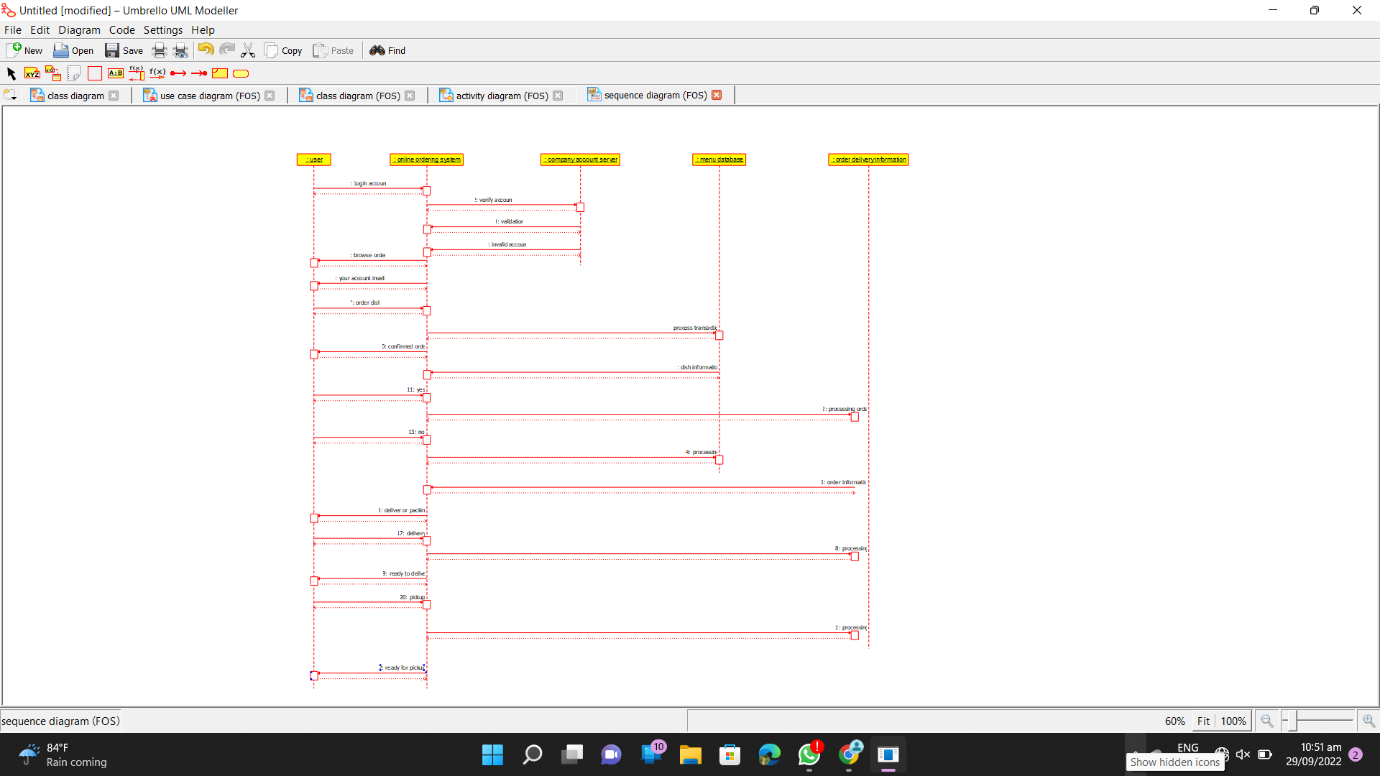


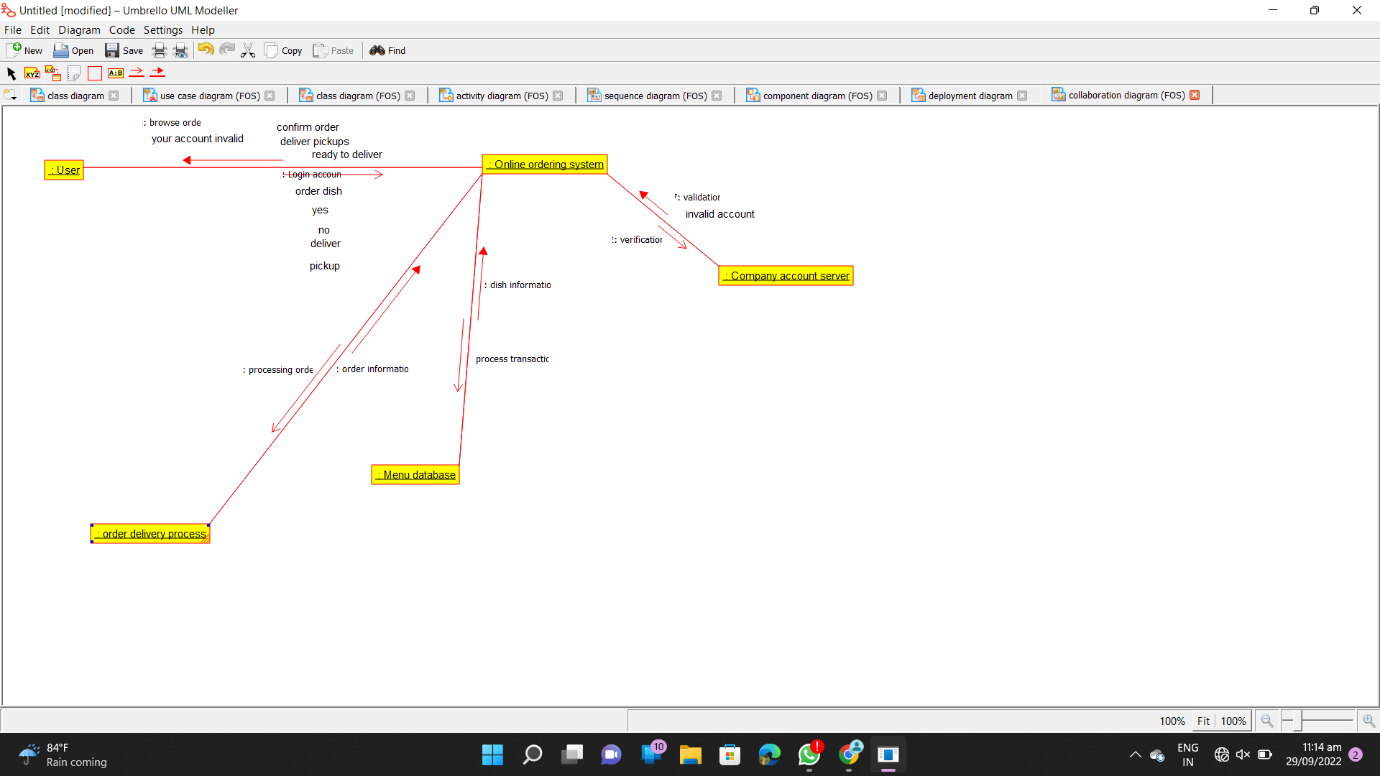
CLASS DIAGRAM :-



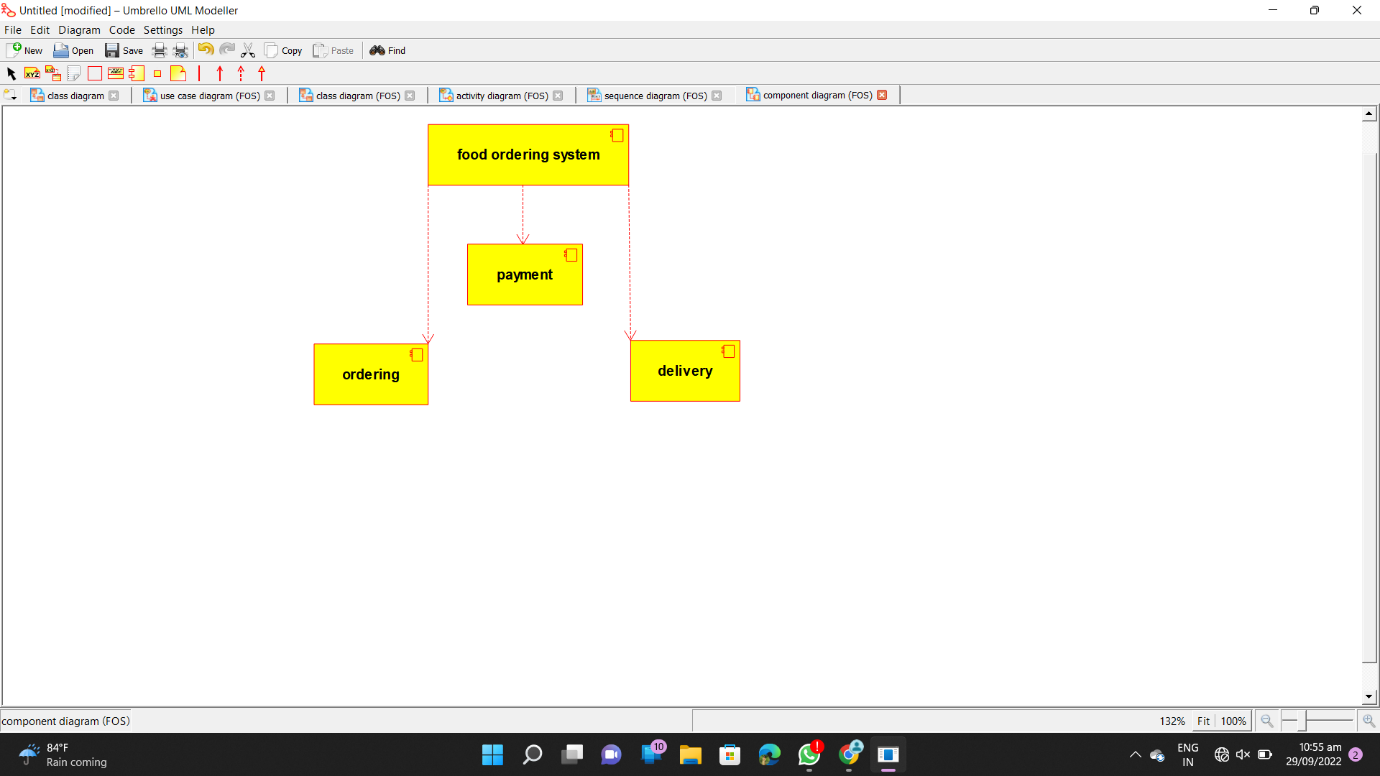
ACTIVITY DIAGRAM :- 

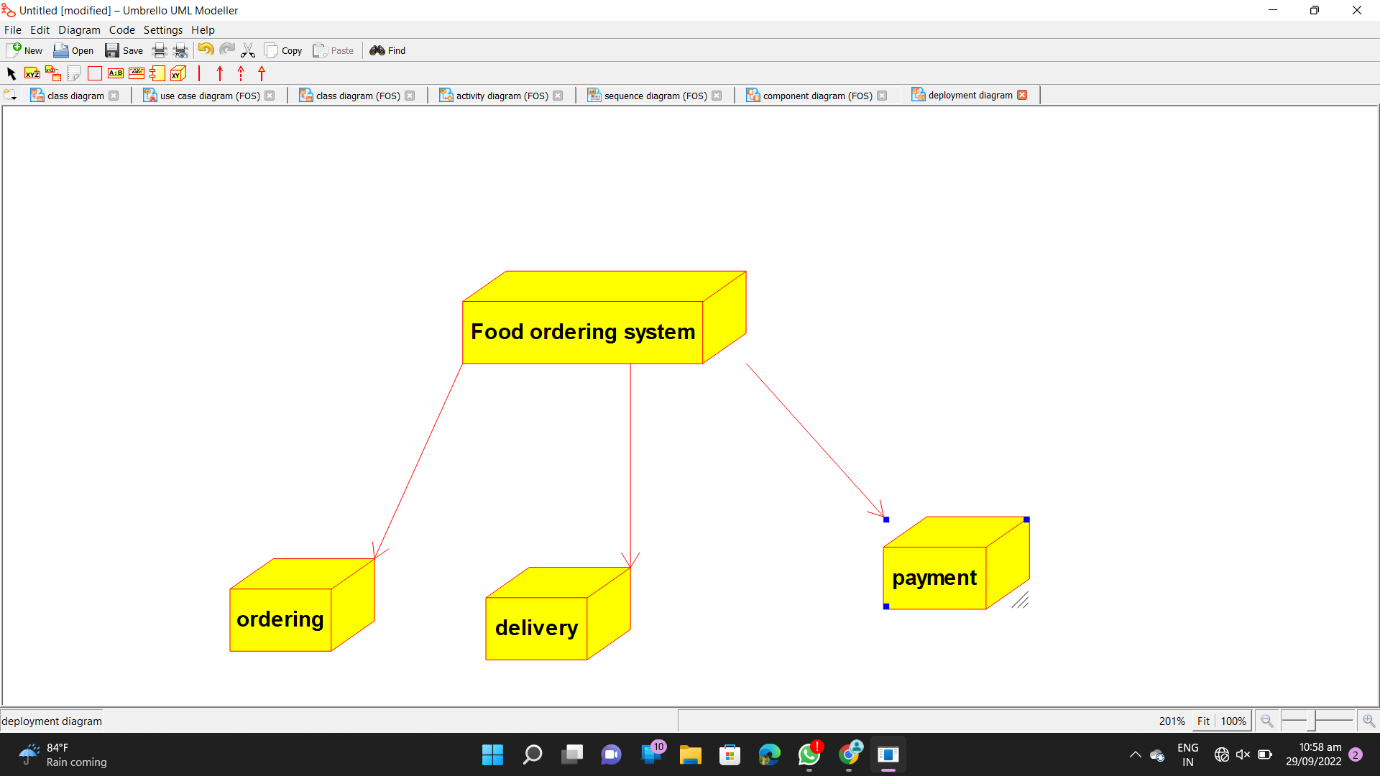
SEQUENCE DIAGRAM :-



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()

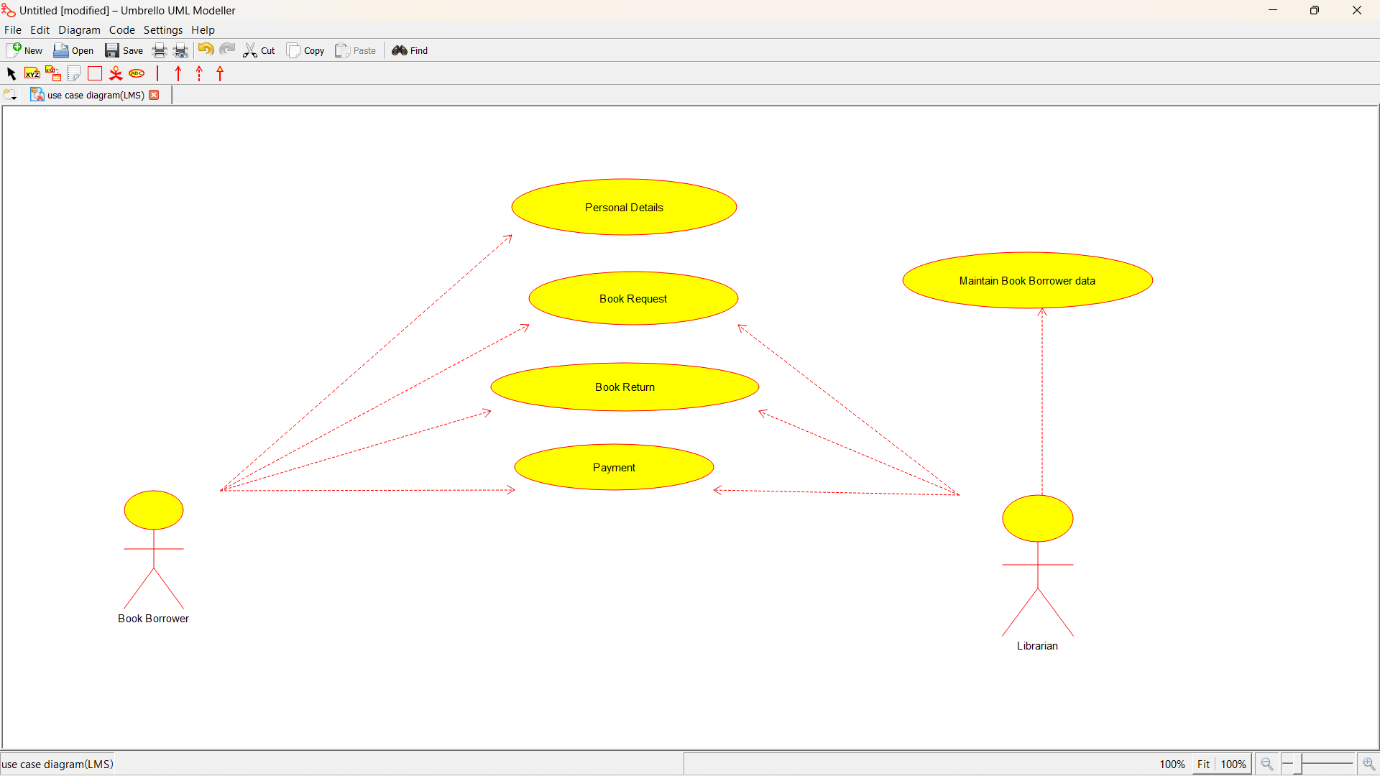
{

}

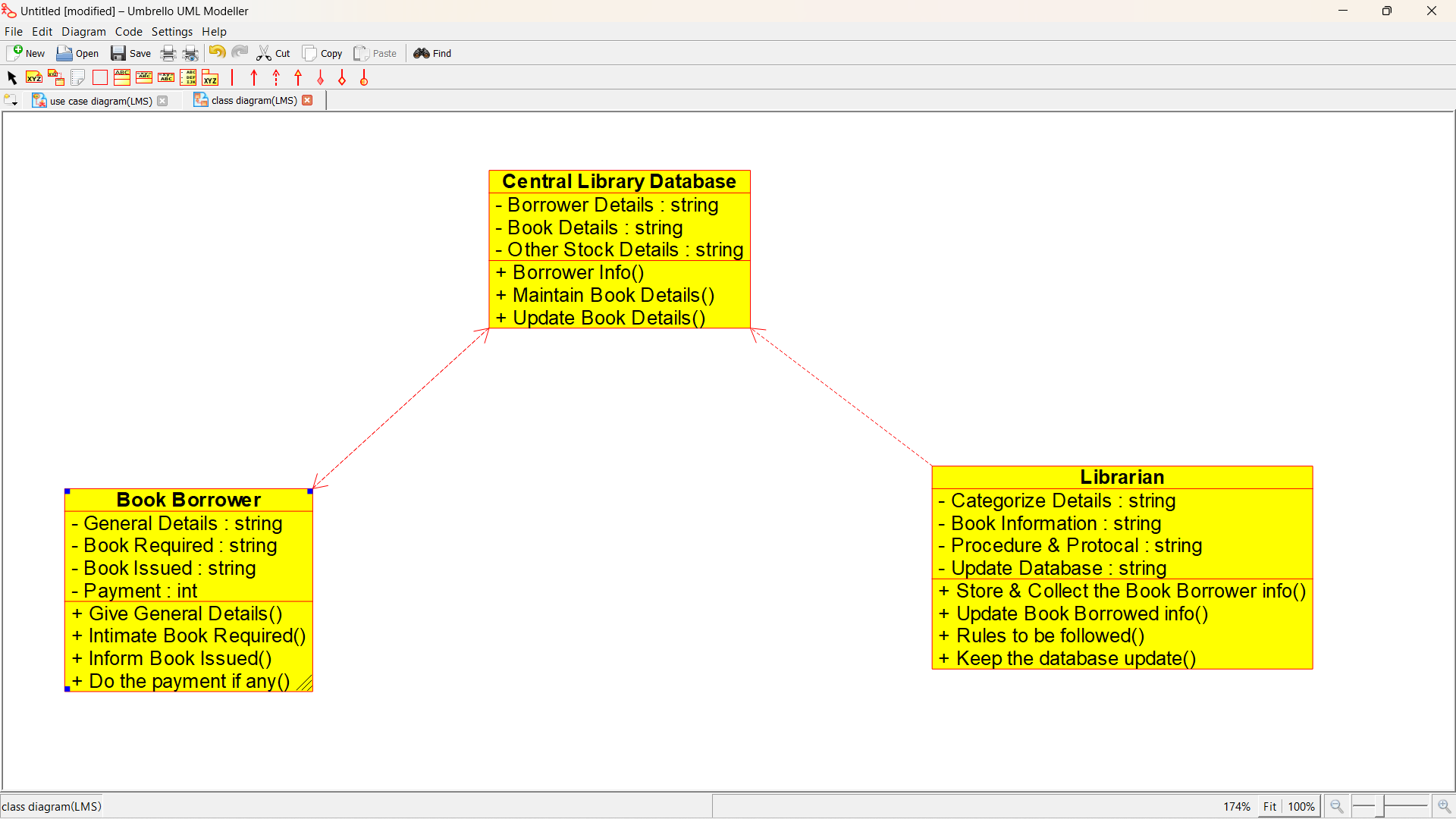
}

**20.LIBRARY MANAGEMENT SYSTEM**

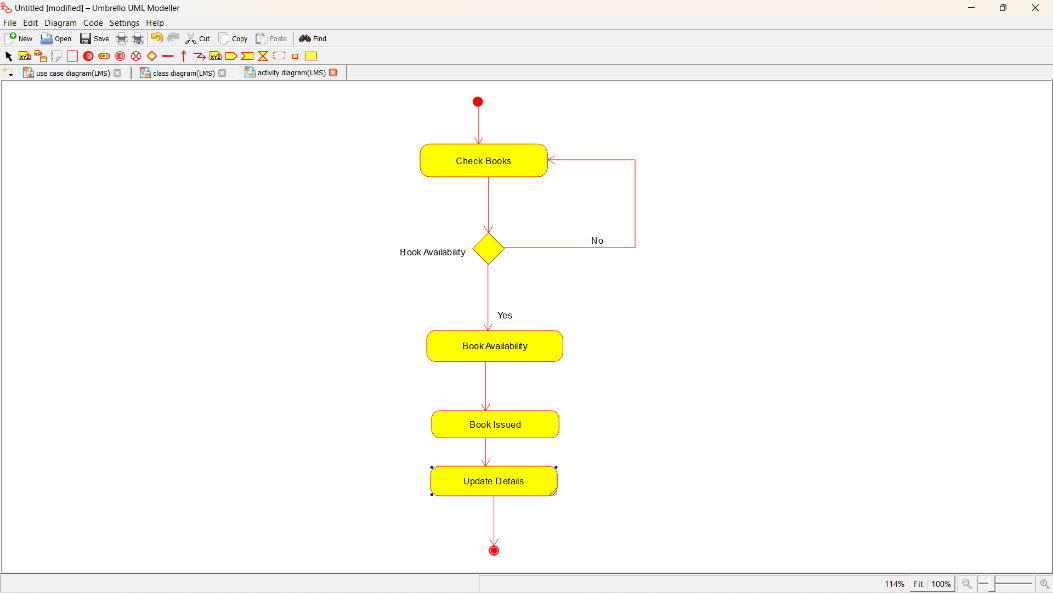
USE CASE DIAGRAM:



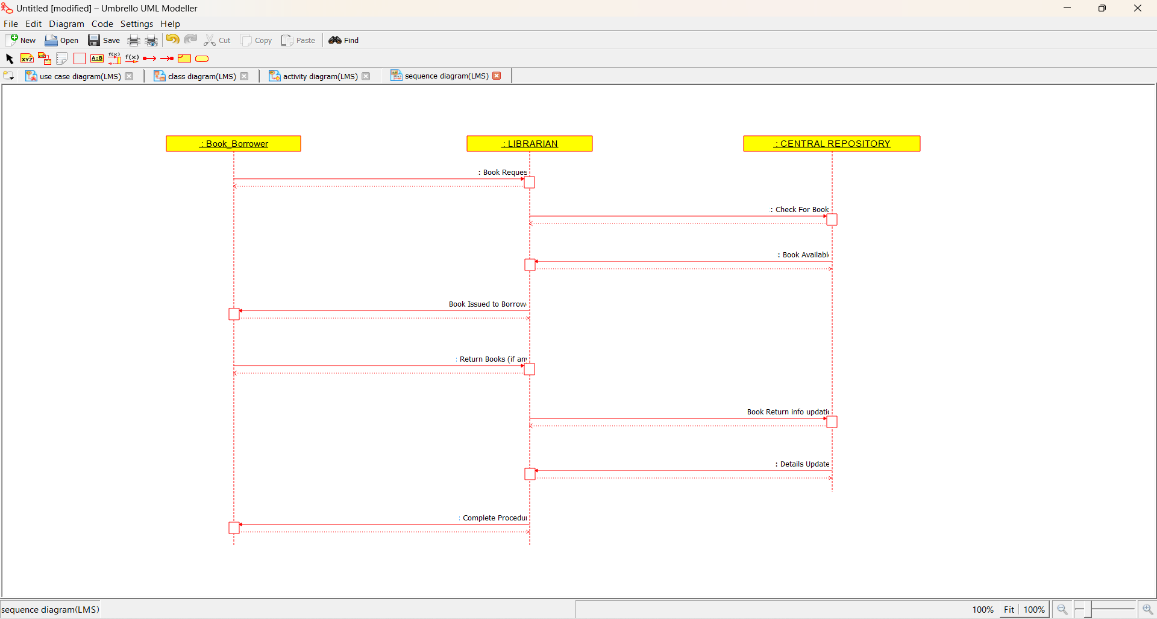
CLASS DIAGRAM:



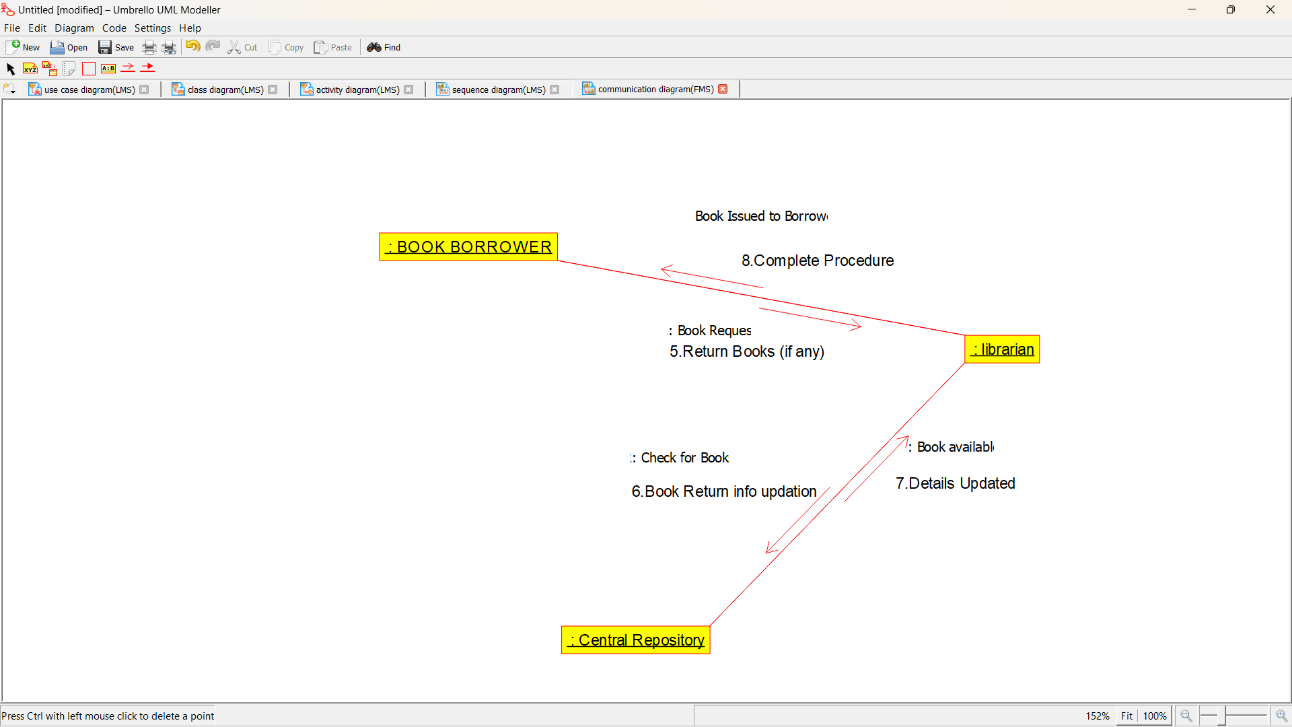
ACTIVITY DIAGRAM:



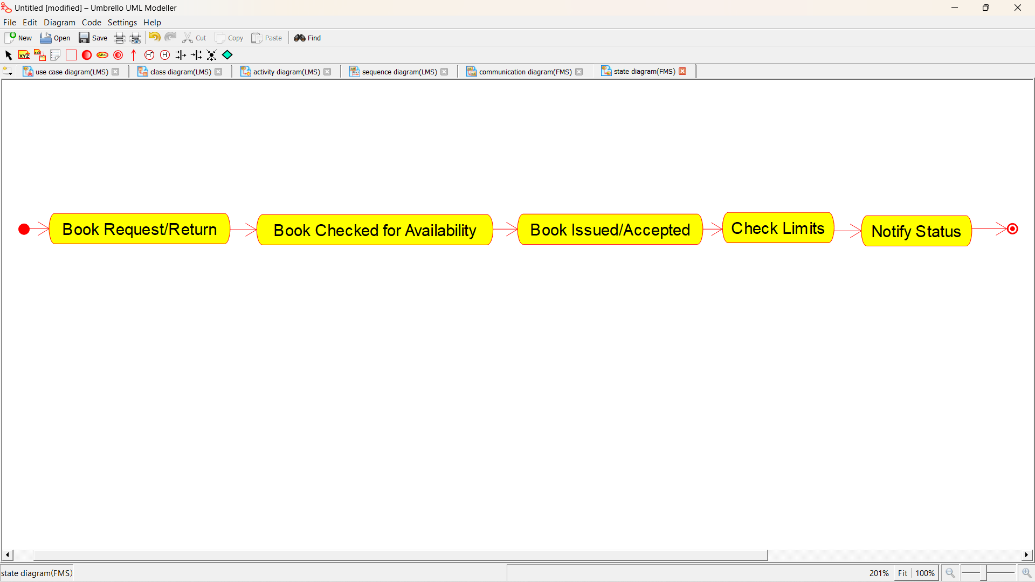
SEQUENCE DIAGRAM:



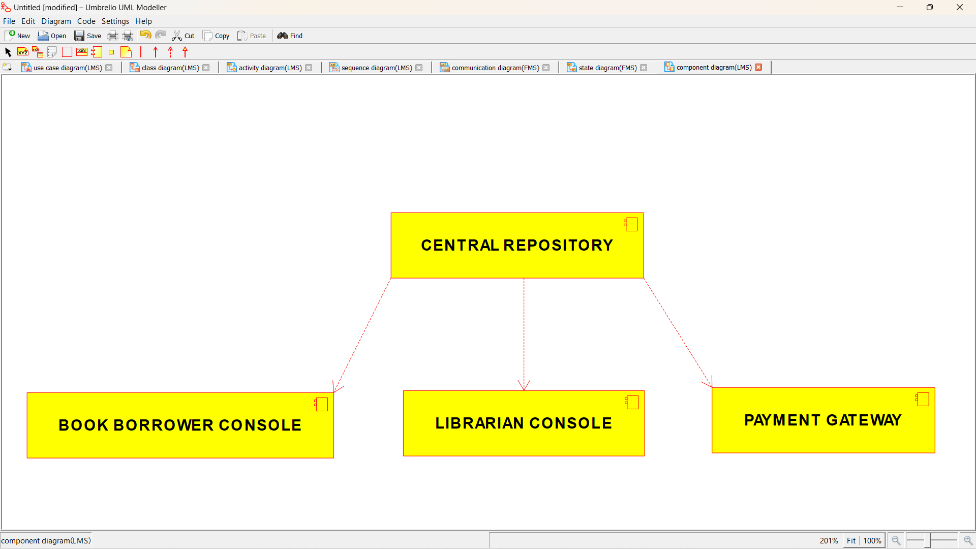
COLLABORATION DIAGRAM:



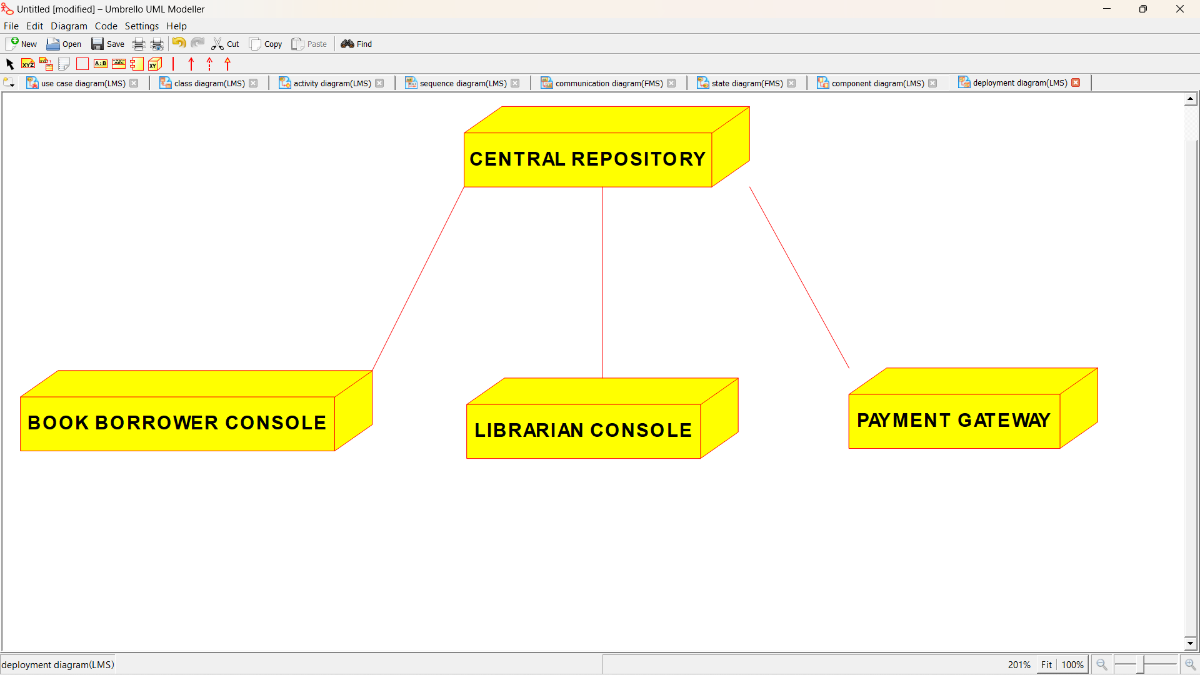
STATE CHART DIAGRAM:



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()**

**{**

**}**

**}**