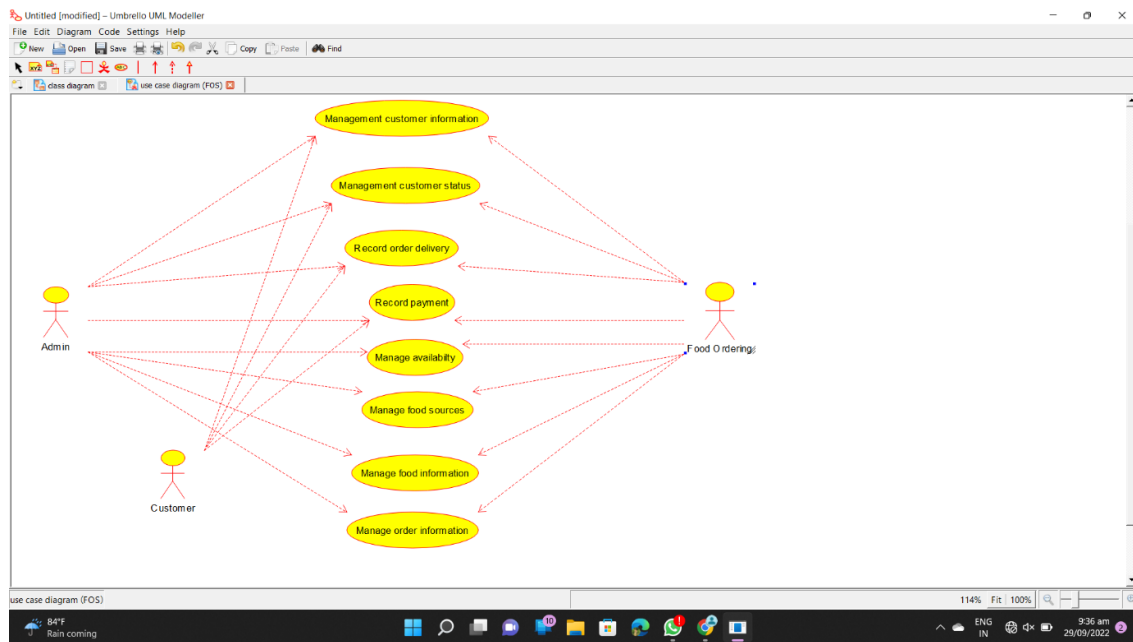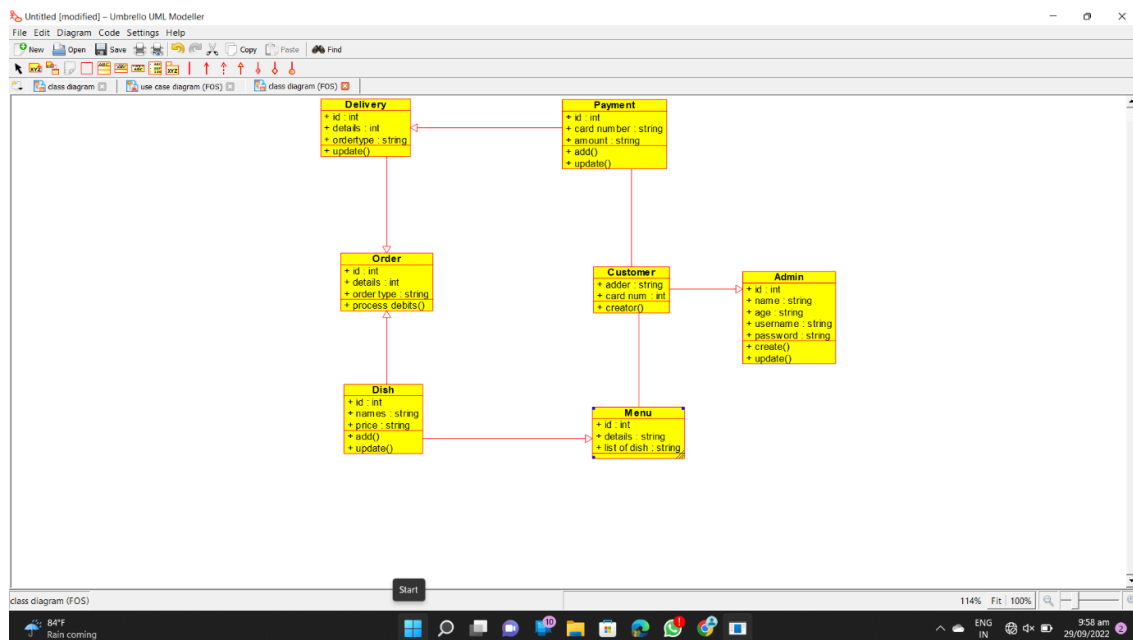# FOOD ORDERING SYSTEM

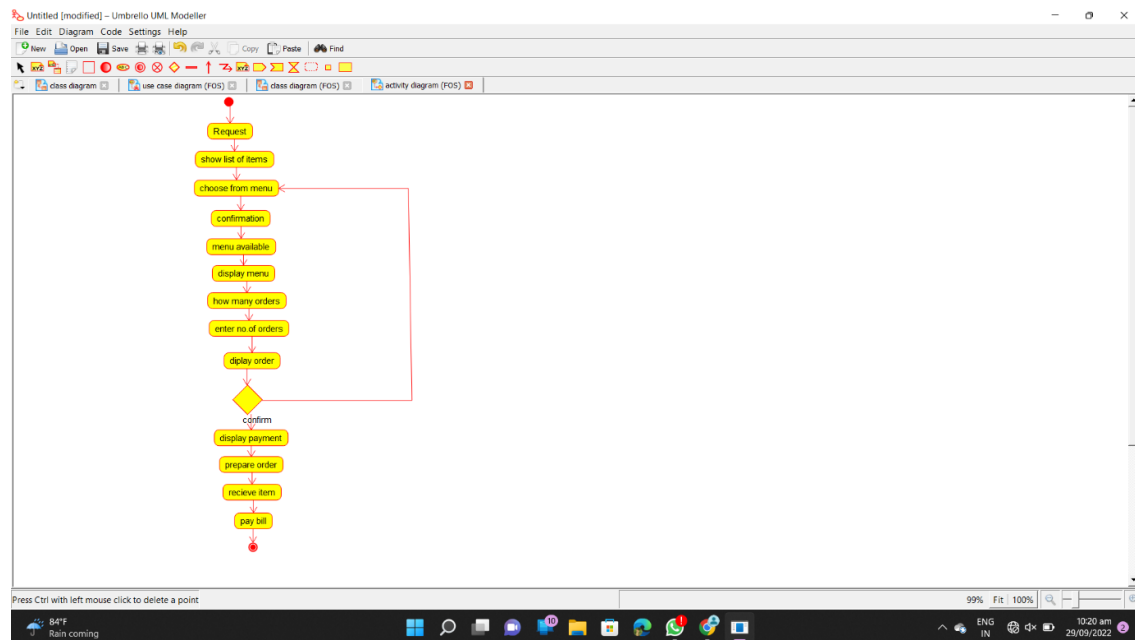# USE CASE DIAGRAM
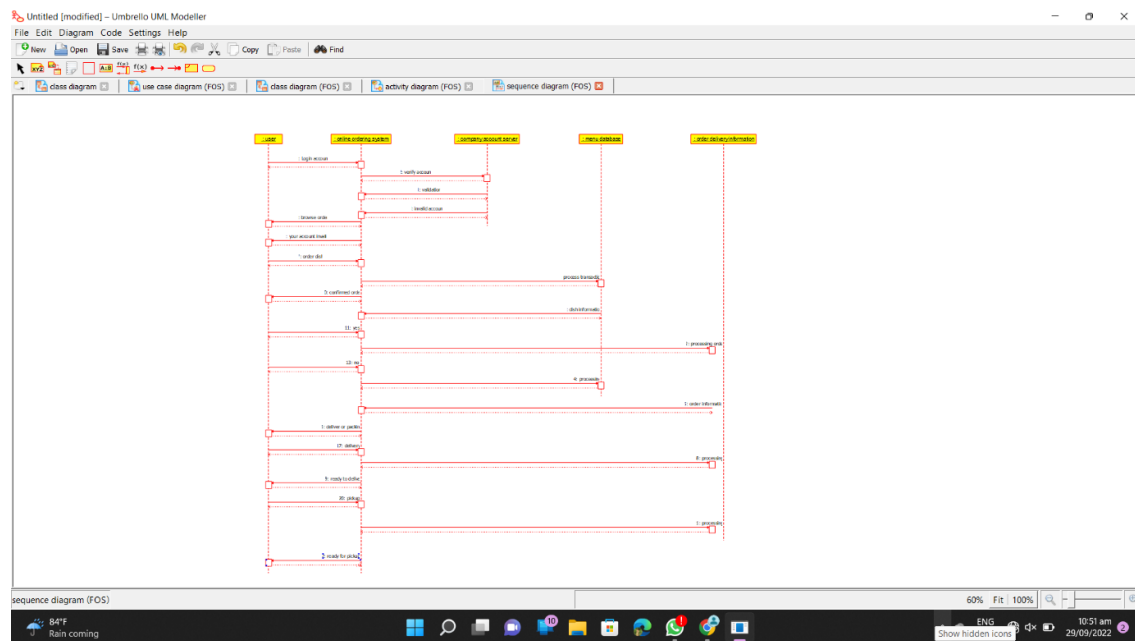

CLASS DIAGRAM

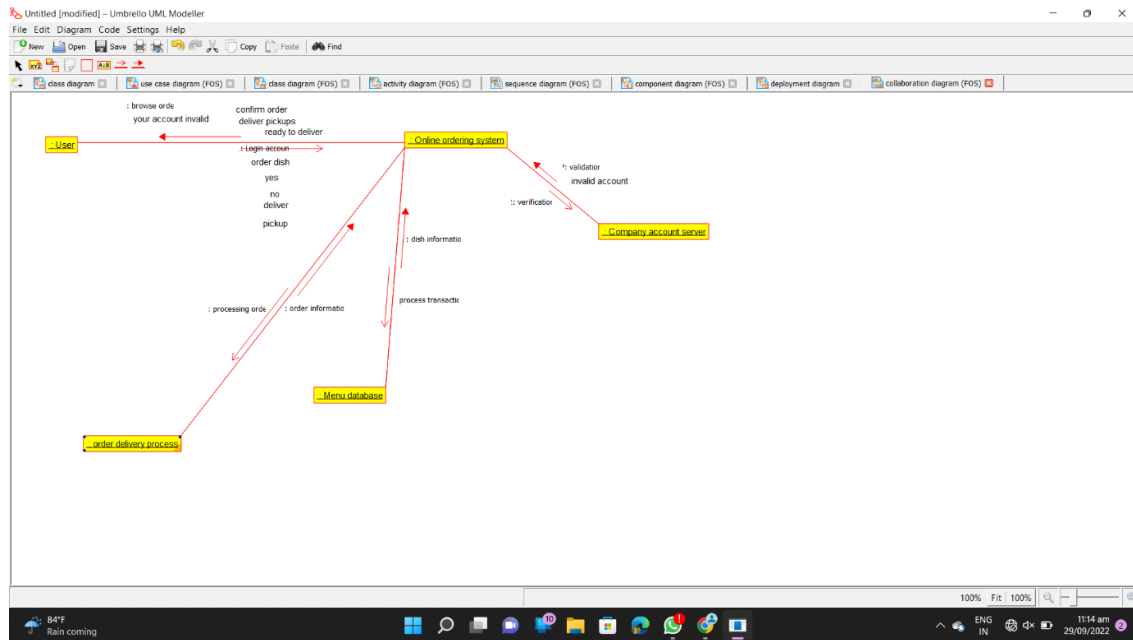# ACTIVITY DIAGRAM
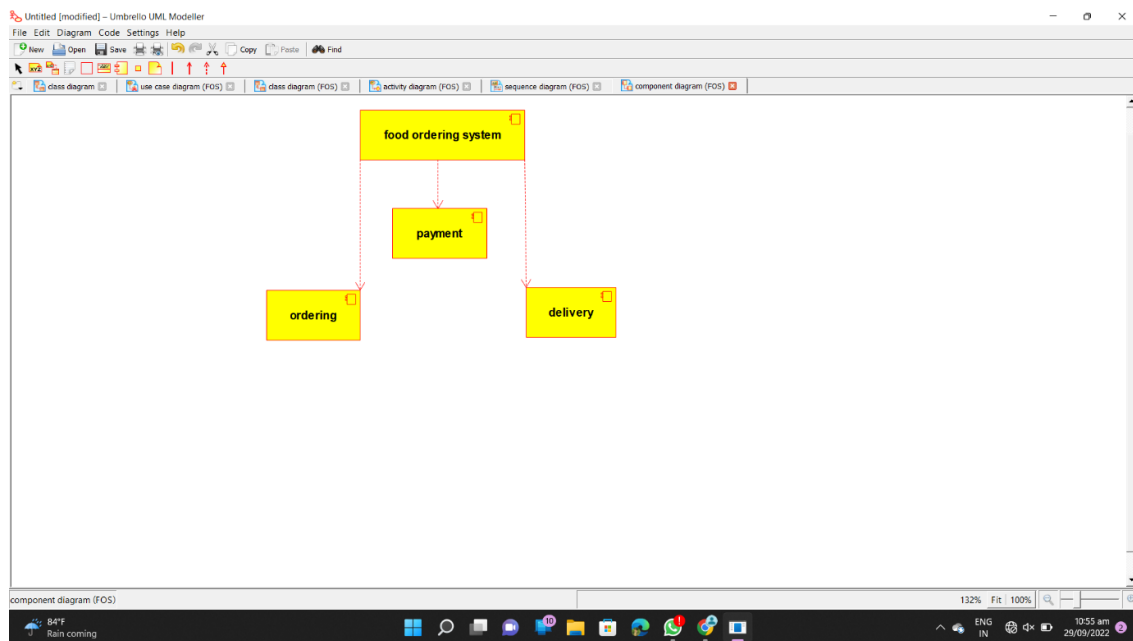

SEQUENCE DIAGRAM

COLLABORATION DIAGRAM

COMPONENT DIAGRAM

DEPLOYMENT DIAGRAM
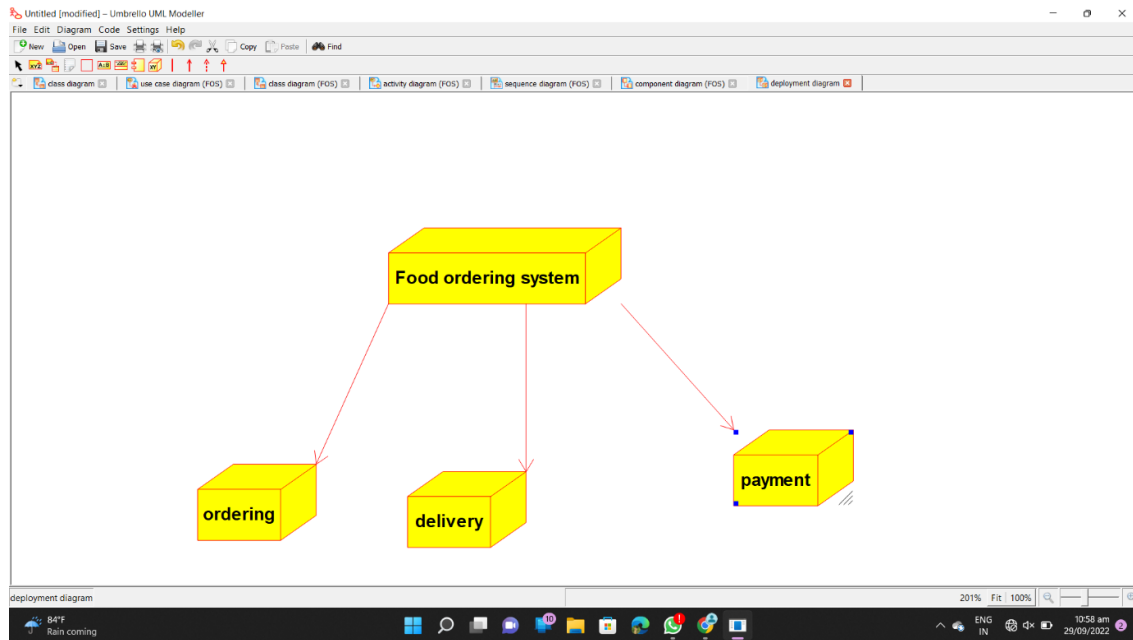
PROGRAM CODE

```
/**
 * Class Admin
 */
public class Admin {
 //
 // Fields
 //
 public int id;
  public String name;
  public String age;
  public String username;
  public String password;
 //
 // Constructors
 //
```

```java
  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;
```

```java
}
/**
 * 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) {
```

```java
    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
//
```

```java
    /**
     */
    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 () { };
```

```java
//
// 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;
}
```

```java
/**
 * 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;
```

```java
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;
}
```

```java
/**
 * 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;
```

```java
    }
    //
    // 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
```

```java
 */
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()
{
}
/**
```

```java
     */
   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
  //
  /**
```

```java
 * 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;
```

```java
    }
    /**
     * 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;
```

```java
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;

}

/**
```

```java
 * 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;
}
```

```java
    //
    // 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
```

```java
//
//
// 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
```

```java
 * @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()
{
}
```

```java
/**
 */
public void update()
{
}
}
```