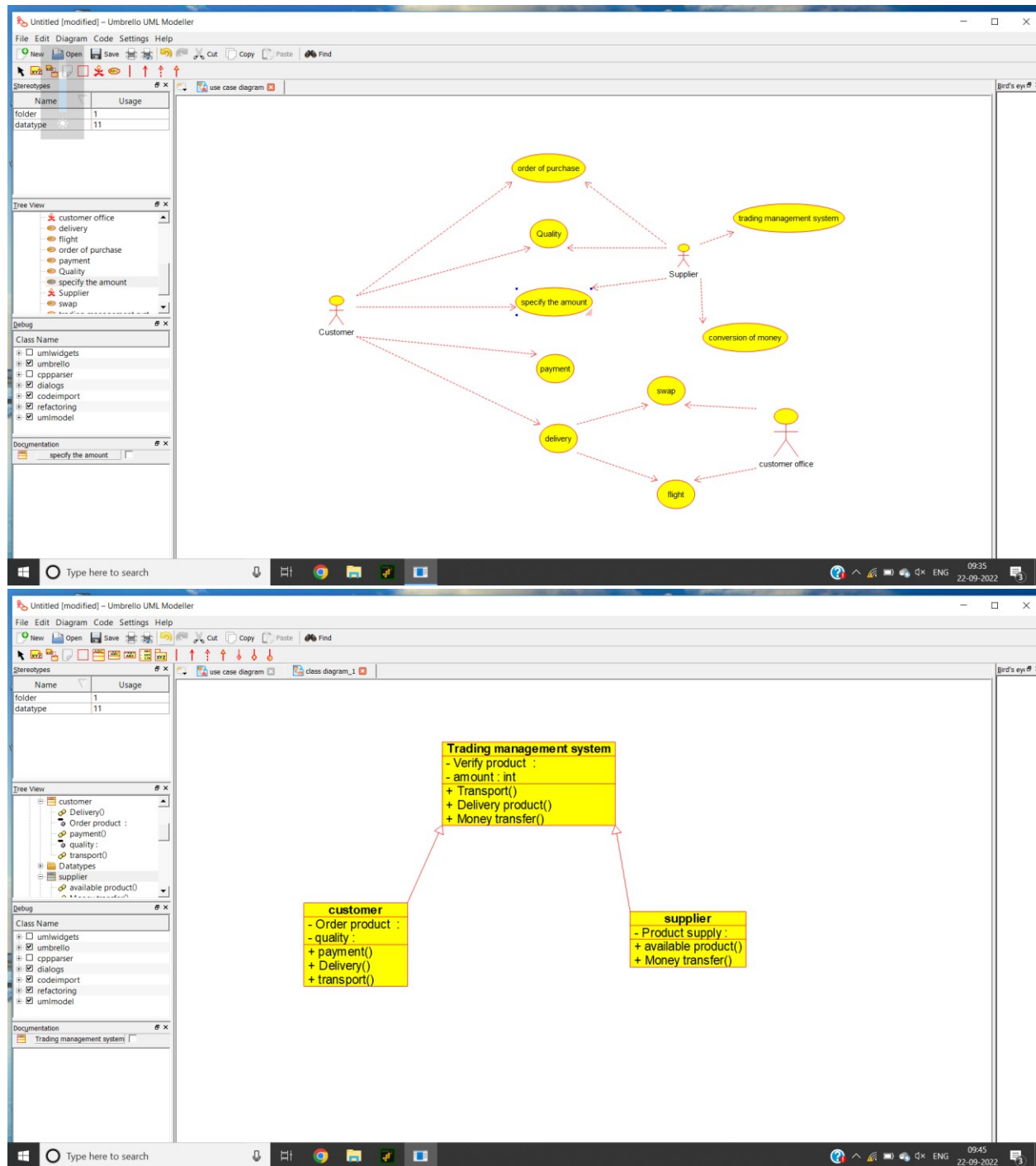


# CSA1143 – Object Oriented Analysis and Design

**Name:** Jaya Surya S

**Register No:** 192011329



**Source Code:**

```
/**
 * Class Trading_management_system
 */
public class Trading_management_system {

    //
    // Fields
    // private void
    Verify_product_; private int
    amount;

    //
    // Constructors
    //
    public Trading_management_system () { };

    //
    // Methods
    //

    //
    // Accessor methods
    //

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

    /**
    * Get the value of Verify_product_
    * @return the value of Verify_product_
    */
    private void getVerify_product_ () {
    return Verify_product_;
    }
}
```

```

    /**
    * Set the value of amount
    * @param newVar the new value of amount
    */
    private void setAmount (int newVar)
    {
        amount = newVar; }

    /**
    * Get the value of amount
    * @return the value of amount
    */
    private int getAmount () {
return amount;
    }

    //
    // Other methods
    //

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

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

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

}

/**
* Class customer
*/
public class customer extends Trading_management_system {

```

```

//
// Fields
//
private void Order_product_;
private void quality;

//
// Constructors
//
public customer () { };

//
// Methods
//

//
// Accessor methods
//

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

/**
 * Get the value of Order_product_
 * @return the value of Order_product_
 */
private void getOrder_product_ () {
return Order_product_;
}

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

/**
 * Get the value of quality
 * @return the value of quality

```

```

        */
        private void getQuality () {
return quality;
        }

        //
        // Other methods
        //

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

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

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

    }

    /**
    * Class supplier
    */
    public class supplier extends Trading_management_system {

        //
        // Fields
        //
        private void Product_supply;

        //
        // Constructors
        //
        public supplier () { };

```

```

//
// Methods
//

//
// Accessor methods
//

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

/**
 * Get the value of Product_supply
 * @return the value of Product_supply
 */
private void getProduct_supply () {
return Product_supply;
}

//
// Other methods
//

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

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

}

```