

# CCINFOM Project Specifications

March 2024 version

Group Code: \_\_\_\_\_

Using DBSALES, develop a Java Application that will have the following functionalities divided among the members of the group. For the update functionality, the old values must be shown first which will serve as a reference to the user before it updates the record. In this way, we can lessen the amount of data entry if a specific field is not going to be updated. For the delete functionality, if the record cannot be deleted because it is being used as a reference by other records, a proper error message must be shown.

## RECORDS MANAGEMENT

### GROUP MEMBER 1:

Student assigned: \_\_\_\_\_

1. Create a new Product
2. Update a record of a Product
3. Delete a record of a Product
4. View a record of a specific Product and the list of orders made involving the product given a specific year

### GROUP MEMBER 2:

Student assigned: \_\_\_\_\_

1. Create a new Customer.
2. Update a record of a Customer.
3. Delete a record of a Customer.
4. View a record of a specific Customer and the list of orders made by the customer given a specific year.

### GROUP MEMBER 3:

Student assigned: \_\_\_\_\_

1. Create a new Employee.
2. Update a record of an Employee.
3. Delete a record of an Employee.
4. View a record of a specific Employee and the list of customers it is handling if it is a Sales Representative

### GROUP MEMBER 4:

Student assigned: \_\_\_\_\_

1. Create a new Office.
2. Update a record of an Office.
3. Delete a record of an Office.
4. View a record of a specific Office and the list of employees assigned to the Office.

## TRANSACTION MANAGEMENT

### GROUP MEMBER 1:

Student assigned: \_\_\_\_\_

1. Create a new Order. This includes adding the products that were bought in the order. Take note that transaction principles dictate whether the transaction is complete or not. In case the transaction is not complete, none of the data operations involved must be permanent in the database.
2. Update an Order. Take note that only in-process orders can be updated.
3. Update a specific product ordered in an Order.
4. Delete a specific product ordered in an Order.

Take note that only products in in-process orders can be updated or deleted.

### GROUP MEMBER 2:

Student assigned: \_\_\_\_\_

1. Create a new Payment. Take note that payments exceeding the total amount of orders not yet paid should not be allowed, simply said, overpayment is not allowed.
2. Update a Payment.
3. Delete a Payment

## REPORT GENERATION

### GROUP MEMBER 3:

Student assigned: \_\_\_\_\_

Given a specific month and year, generate a Sales Report that will show the different sales per status, every day. At the end of the report, show the total sales.

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