Warehouse Management System

Warehouse management system is the module responsible for the storing and the all the movements of all the items inside the physical warehouse.

It keeps track of everything; Knows where each medicine is, how much is left, and when it expires. This is all to make sure that there wont be a lack of supply of medicine, and that there would be no medicine wasted along the whole process.

Packs orders fast and accurately; Gets the right meds to the right people quickly, without mistakes.

Follows all the rules: Makes sure the medicines are stored safely and legally, keeping everyone happy.

Saves time and money: Automates tasks, helps workers be efficient, and reduces costs.

Basically, The warehouse management system helps the pharmacy run smoothly and safely, so they can focus on what matters most: delivering the right medicine to the right people at the right time.

Team leaders:

Pascual, Jhon Felix (Senior Programmer)

Nicodemus, Kacey Louis (Junior Programmer)
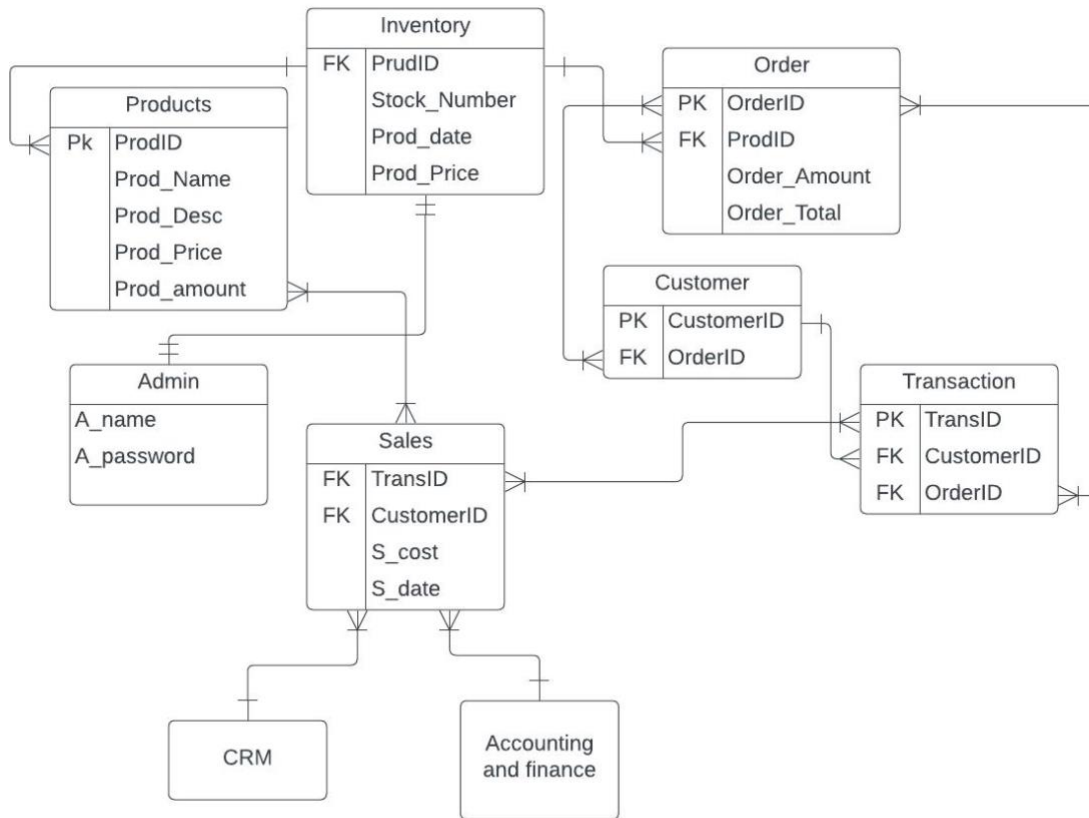
Ocampo, John Paolo (Assistant)

Members

Naguiat, Lorence

Ocampo, Ralph Christian

Palayar, Jean Nerilot

# WMS Entity Relationship Diagram



**Inventory**

| | |
|---|---|
| FK | PrudID |
| | Stock_Number |
| | Prod_date |
| | Prod_Price |

**Products**

| | |
|---|---|
| Pk | ProdID |
| | Prod_Name |
| | Prod_Desc |
| | Prod_Price |
| | Prod_amount |

**Order**

| | |
|---|---|
| PK | OrderID |
| FK | ProdID |
| | Order_Amount |
| | Order_Total |

**Customer**

| | |
|---|---|
| PK | CustomerID |
| FK | OrderID |

**Admin**

| | |
|---|---|
| | A_name |
| | A_password |

**Sales**

| | |
|---|---|
| FK | TransID |
| FK | CustomerID |
| | S_cost |
| | S_date |

**Transaction**

| | |
|---|---|
| PK | TransID |
| FK | CustomerID |
| FK | OrderID |

**CRM**

**Accounting and finance**

# WMS Data Flow Diagram