**Overview**

 Our project based on developing two software:

1. Pharmacy management software
2. Pharmaceutical companies customer relationship management system

# Pharmacy management software:

It’s software that provide professional services for both pharmacist and pharmacy manager.

## Main Functions:

1. **Sales ( patient invoices & billing): pharmacist selling to patient**
* Patient information (Name/Phone/ID/..etc)
* Product information (Brand name/Scientific name/item code/price/QTY/Expiry date).
* Billing information.
* Payment method ( cash / credit)
1. **Purchasing Order (buying from pharmaceutical companies)**

**2.1 New Purchasing order:** interface contains (Product name/Product price/Company Name/QTY/payment date / order date)

**2.2 PO history: Interface for reviewing historical orders.**

**2.3 Return Order: Interface for returning products back to the company.**

**2.4 PO Report: Interface to display PO reports.**

1. **Store: managing store products**
* **Inputs:**

 **Direct data input for stock by (company / item code/by name)**

 **By search function for stock by (company / A-Z/ item code/by name/store number)**

* **Outputs:**

 **QTY/Expiry date/consumption/price/Batch number**

1. **Report : to generate reports for below main functions on system**

**4.1 Sales report**

**4.2 purchasing report**

**4.3 accounting report**

1. **Accounting:**

**5.1 Sales invoices (daily, weekly and monthly sales)**

**5.2 Purchasing invoices**

**5.3 Balance sheet: overall sales and purchasing invoices (debit credit)**

1. **Messaging :**
* **Online chat between pharmacy and companies including Text messages / attached file**
1. **Notification:**
* New message from company
* Expiry alert
* Payment alert
* Over Stock alert
* Low Consumptions alert
1. **Data :**
* New patient: Name/ID/Phone/..etc
* New product: Name/company/price/..etc
* New company: Name/Address/email/phone/..etc
* New prescription image

1. **Data Analysis**
* **Summary interface (Dash board) to summarize all functions in GUI interface**

Sales summary

Purchasing summary

Accounting summary