

## Practical Test

The details of the Users of an organization are stored in the database in the tabular format. DataBase Name: **PharmaDB**

The name of the Table is **tblDoctors**. The table stored the data of the doctors with the following structure.

Field Name	Type
doctorID	char(5) (Primary Key)
doctorName	varchar(50)
password	varchar(50)
status	bit

The details of the medicine of an organization are stored in the database in the tabular format. The name of the Table is **tblMedicines**. The table stored the data of the medicine with the following structure.

Field Name	Type
productID	char(5) (Primary Key)
productName	varchar(50)
description	varchar(500)
price	Float
quantity	Int
status	Bit

The details of the Order of an organization are stored in the database in the tabular format. The name of the Table is **tblOrders**. The table stored the data of the Orders with the following structure.

Field Name	Type
orderID	int (Primary Key)
doctorID	varchar(10)( Foreign Key)

orderDate	Datetime
totalMoney	Float
staus	Bit( default is true)

The order detail table as following: **tblOrderDetail**

Field Name	Type
id	Int (Primary Key)
productID	varchar(10)( Foreign Key)
quantity	Int
price	Float
orderID	Int (Foreign Key)

The distributed application should allow to user to do the following activities:

1. **Function 1(1point):** Create DB

1.1. If the program interacts with all data tables

2. **Function 2(2 point):** Login

2.1.The actor enters userID and password, the function checks if the userID with the password is in the available user list, then grant the access permission. If not, a message would appear to notify that user is not found. Login function includes logout and welcome functions.

3. **Function 3(1 point):** Get all Products has status is active and quantity greater than 0.

4. **Function 4(7 points):** Shopping- Login is required:

4.1.Add the selected product to shopping cart. The default quantity is one. User can view the selected product in the cart. The screen must show the total amount of money of this cart (**2 point**)

4.2.Click the Confirm button to store the product to database, must store the buy date time (**4 point**)

**Note:**

- 1. Student do not need to submit the database.**
- 2. Must use MVC2 model.**
- 3. Must follow the course role, each mistake: -1point.**
- 4. All errors relate to DB: fail.**