

# Pharmacy Manager

## PD&SQL BI Track – Alex.

- 1- Create a simple system to manage a pharmacy using javascript and html5
- 2- Features that will be used from html5 is “web sql database” for data management and “Camera , canvas” for taking picture of items
- 3- The system should have 3 tables as following:
  - a. Users : the users that will be able to login and access the system , user should have username and password , there should be an admin user already added to the system when creating the users table to allow admin to login and add more users, only users in that table can access the system.
  - b. Items : the item should has (name,quantity,picture) , user should take picture of the item when adding it , the picture should be taken with html5 camera as the example in course and using html5 canvas convert the picture to DataURI Base64 string and save it to db or localStorage with the item id.
  - c. Invoice : the invoice table should allow user to save invoices and should affect the quantity of the item in Items table , invoices should have (date , customerName, type(buy-sell), items and quantities (sold or bought))
- 4- The system should allow user to manage data in database through html forms, and you can create it as single page application or multiple page
- 5- The system will run locally and the database will be the websql.
- 6- You can use <https://obfuscator.io/> to make your js code not readable and save the password in md5 format , but still the system not totally secured if the device accessed by any hacker as the data saved on the device