**Advanced Database**

**Phase One**

Point Of Sales – Requirements

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Point of sales system (POS) will be able to serve/manage Palestinians small business with high data quality and integrity, the currency will be in (NIS) and the system should have the following requirements:

* The system should track the data for each **item** (**ID**, **Name**, **Category**, **Cost**, **Supplier** **id**, **Item** **Image**, **barcode**, **location**) this item can be supplied from a specific supplier that has the following data **id**, **name**, **tele-number** and **email**.
* The items that currently exist in the business (Market/Pharmacy) will be in the inventory with **quantity**, **expire date** each item has a price that offered to the customer but the item may have a variable price depends on specific events such as Ramadan.
* The system should be able to save all possible pricelists have entered by the user, the pricelist table contains two columns (**id**, **event**) and the single item maybe have multiple prices and the single event may have multiple items.
* The system should track the sales orders data (id, date, sales amount, discount, net amount, tax) and more details about each order (sales order id, item, item cost, item price, pricelist, tax, discount, quantity)