ASSESSMENT 02

1. You are required to design and implement a database system for a pharmacy shop with only one branch.

    The following is the description from the manager, Mr. Seth Akoto.

    > *"here, medicines that require prescriptions are sold only to people that have prescriptions. It is the pharmacy attendant that serves customers when they enter the pharmacy. Usually, people walk in and either give the prescription or mention the medicine they wish to purchase. The worker then searches to see if the medicine is in stock. If in stock, worker accepts payment from customer and gives the medicine and a receipt to the customer. "*

1. Determine all the entities from the description given by Mr. Akoto.

2. Assuming Mr. Akoto only wants a database system that would keep records of ***medicine{name of medicine, amount in grams in stock}*** and ***purchases{medicine bought, amount in grams bought, who attended to customer, when it was sold, contact and name of customer that bought the medicine}***
    a. Draw and ER diagram with only the most important entities from question 1 bearing in mind what Mr. Akoto wants.
    b. Write the SQL script that would:
        i. Create a database named pharmacy.
        ii. Implement all the identified tables and their relationships using appropriate datatypes for the various columns in each table.