

The Healers team

Pharmacy Database

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1 Introduction

Our pharmacy database organizes the collection and the inventory of drugs that can be used by healthcare professionals to supervise healthy drug related services.

The pharmacy database will include the following classes:

- **Pharmacy:** this will include all necessary information about the different pharmacies in our database.
- **Supplier company:** This class contains the information of the pharmacy suppliers who provide the medications for our pharmacies.
- **Inventory:** This class contains information of the drug inventory in the pharmacies.
- **Product:** his class contains the information of the different products present in the pharmacies (e.g. aesthetic, beauty, children).
 - **Drug:** This class contains the information of the different drugs present in the pharmacies. This is a subclass of product.
 - **Beauty Product:** This class contains the information of the different beauty treatments present in the pharmacies. This is a subclass of product.
 - **Child Care:** This class contains the information of the different children products present in the pharmacies. This is a subclass of product.
- **Person:** This class contains the information for the four types of people that are relevant to our database (Employee, Pharmacist, Customer, and Physician).
 - **Employee:** This class contains the information on the person working in the pharmacy. This is a subclass of person.
 - **Pharmacist:** This class contains the information of the healthcare professionals (pharmacists) responsible for the distribution of the medications.
 - **Customer:** This class contains the information on the customer and his/her purchases. This is a subclass of person.
 - **Physician:** This class contains the information on the treating physicians collaborating with the pharmacy. This is a subclass of person.
- **Contract:** This class contains information of the pharmacy contracts.
- **Prescription:** This class contains information of prescribed medications.

2 UML Diagram

