

Pharmacy Management System in C++ Documentation

Team Members:

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Phase One:

Documentation done by Raghad Alqammaz

Project Requirements

A) Medication Class:

This class was done by Raghad Alqammaz,
It consists of:

- 1- Setters for each class member to check if the values entered by the user are valid to store in the class member or not.
- 2- Constant Getters for each class member to return the values of each member.
- 3- One parameterized constructor to store values entered by the user in each class member after validation from the setters.
- 4- One constant print function to print medication information.

B) Customer Class:

This class was done by Shaima Ahmad and Amr Saeed,
It consists of:

- 1- One default constructor to put default values for each of the class members.
- 2- One parameterized constructor to store values entered by the user in each class member after validation from the setters.

- 3- One copy constructor to copy the same values of one object to another object.
- 4- Setters for each class member to check if the values entered by the user are valid to store in the class member or not.
- 5- Constant Getters for each class member to return the values of each member.
- 6- Print Function to print the costumer information.

C) In the Main:

It was done by Sami Abu Touq,

Functions before main:

- 1- **A printOption function** that prints the user interface and asking the user to enter an option for performing operations like adding medications, adding customers, making purchases, displaying available medications, and calculating total sales and profit.
- 2- **An afterCase function** that asks the user after every case if there is another option he would like to choose, if yes the function calls the PrintOption function again.

Main:

- 1- Started by calling the printOption function to print the user interface.
- 2- A while loop, with a switch inside that consists out of 7 cases, every case deals with a certain condition according to input from the user.