a. You must separately identify (list) and describe the purpose of each class. One or

two sentences per class should be sufficient.

Class:Healthcare1- Healthcare one is my data definition class, I made all of my get methods, set methods, and special methods in this class. I subtracted the amount from the balance here, and have the print method here as well.

Class:Healthcare2-Healthcare2 is my implementation class. I made all of my inputs in here, and used a do while loop in order to have a counter and go through the inputs as many times as the user requires. I also reference the other class and have my objects in this class.

2) Data Definition Class(es) - Create a detailed UML Class Diagram, listing and explaining all

class variables, accessors, mutators, special purpose methods, and constructors

associated to each data definition class.

Graphical user interface, application, table

Description automatically generated

3) Implementation Class - Create a table that lists all methods that will be used to create

the implementation class. For each method identified, provide the following:

1. A 1-2 sentence describing the purpose of the method

b. A list of the names, data types, and brief description (1-2 sentences) for each

input variable into the method, if there are any

c. The name and data type of the variable to be returned from the method, or void

|  |  |
| --- | --- |
| Method | Healthcare1(the main) |
| purpose | This method allows us to take user input, and loop it and collects the counter which gives us the amount of patients that used the program. |
| input | Account balance, patient name, dob, amount, PCP |
| return | Void. It didn’t return anything because everything was outputted to the main. |