**CMSC203 Assignment 2 Implementation (Documentation)**

Class: CMSC203 CRN 20813

 Program: Assignment #2

Instructor: professor Ahmed Tarek

 Summary of Description: create PatientDriverApp.

 Due Date: 10/01/2025

 Integrity Pledge: I pledge that I have completed the programming assignment independently.

 I have not copied the code from a student or any source.

Student’s Name: Giran Park

**Part1: Pseudo Code:** Here is a pseudo code for Assignment 2 program:

Class Patient:

Fields:

firstName

middleName

lastName

streetAddress

city

state

zipCode

phoneNumber

emergencyContactName

emergencyContactNumber

Constructor:

Get values from users

INITIALIZE all attributes

Method:

+buildFullName: String

+buildAddress: String

+buildEmergencyContact: String

+toString method: void

Class Procedure:

Fields:

-procedureName : String

-procedureDate : String

-practitionerName: String

-procedureCharges : double

Constructor:

Get values from users

INITIALIZE all attributes

Method:

toString: String

Class main name PatientDriverAPP

Create a class name PatientDriverApp that creates an instance of the Patient class with sample data

Create three instances of the procedure class with creating each instance using one of each constructor

Create methods to display patient information

Calculate total charges of three procedure entered by user

Display total charges

Methods:

displayPatient

displayProcedure

calculateTotalCharges

**A computer screen shot of a diagram

Description automatically generated**