**CMSC203 Assignment 2 Design**

Class: CMSC203 CRN 32038

 Program: Assignment #2

Instructor: Prof. Tanveer

 Summary of Description: Below is the UML diagram for the project

 Due Date: 02/20/2024

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

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

Yesho Vir

**Part1: UML Diagram – including all three classes:**

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| **Patient** |
| -firstName  -middleName  -lastName  -address  -city  -state  -zipCode  -phoneNumber  -emergencyName  -emergencyPhone |
| +Patient()  +Paitent(firstName, middleName, lastName)  +Patient(firstName, middleName, lastName, address, city, state, zipCode  phoneNumber, emergencyName, emergencyPhone)  +setFirstName()  +setMiddleName()  +setLastName()  +setAddress()  +setCity()  +setState()  +setZipCode()  +setPhoneNumber()  +setEmergencyNumber()  +setEmergencyPhone()  +getFirstName()  +getMiddleName()  +getLastName()  +getAddress()  +getCity()  +getState()  +getZipCode()  +getPhoneNumber()  +getEmergencyNumber()  +getEmergencyPhone()  buildFullName()  buildAddress()  buildEmergencyContact()  toString() |

|  |
| --- |
| **Procedure** |
| -procedureName  -procedureDate  -procedurePractitioner  -charges |
|  |

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| **PatientDriverApp** |
|  |
| +displayPatient  +displayProcedure(procedure)  +calculateTotalCharges(procedure1, procedure2, procedure3) |