

**AMERICAN INTERNATIONAL  
UNIVERSITY-BANGLADESH**  
Faculty of Science & Technology



Project Title:	<b>MEDICARE</b>		
Project No:	<b>01</b>	Date of Submission:	<b>24 March 2020</b>
Course Title:	<b>SOFTWARE ENGINEERING</b>		
Course Code:	<b>CSC3112</b>	Section:	<b>F</b>
Semester:	<b>Spring 2021-2022</b>	Degree Program:	<b>CSE</b>
Course Teacher:	<b>DR. MD. RAZIB HAYAT KHAN</b>		

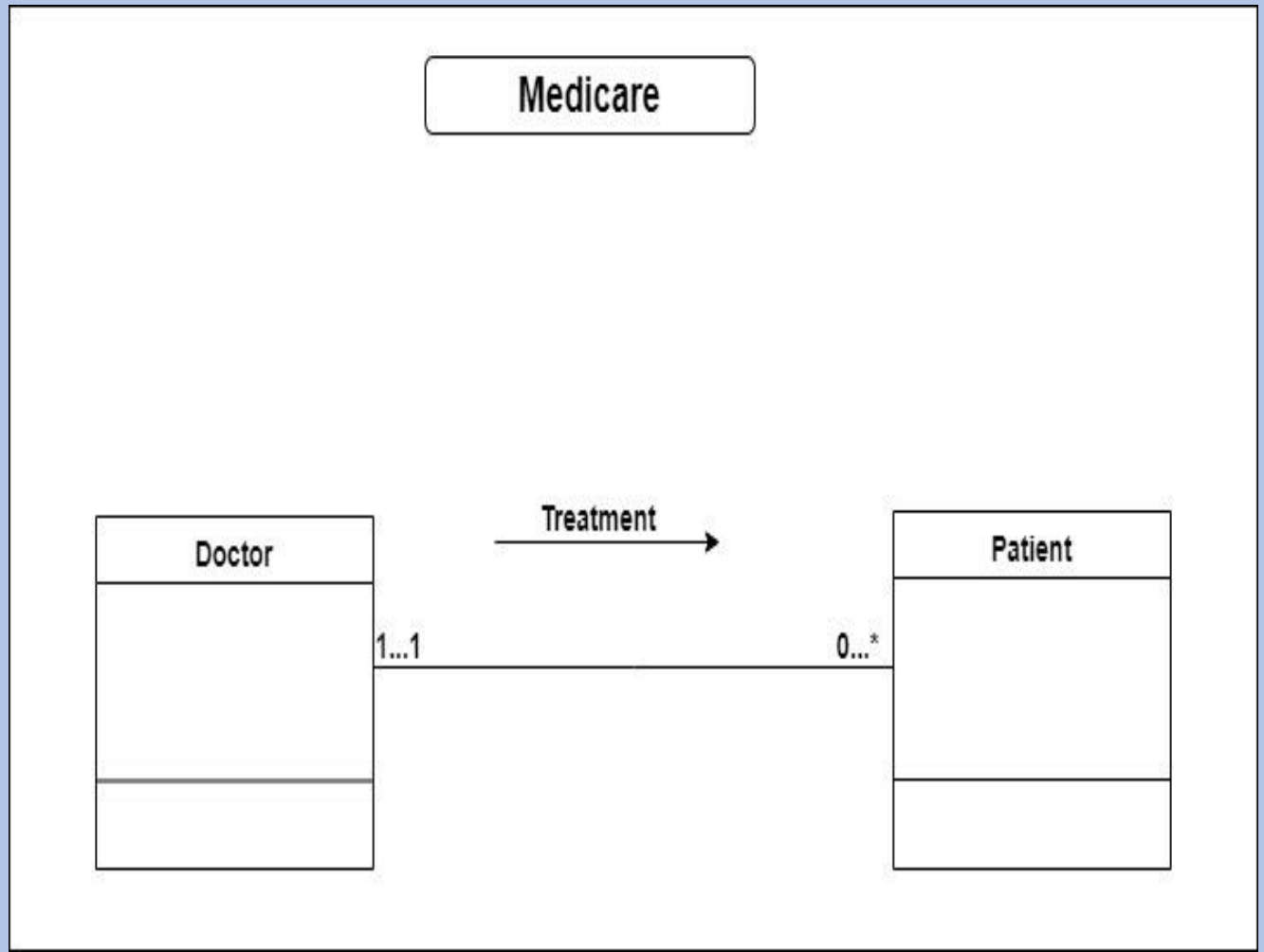
Group No: 04

ID

NAME

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## Class Diagram:



## Class Compartments:

### Doctor

- Patient\_Name:String=null
  - Patient\_Address:String=null
  - Patient\_phone\_Number:Int=0
  - Patient\_Email:String=null
  - Patient\_BloodGroup:String=null
  - Patient\_Pressure:Bool=True
  - Patient\_Diabetes:Bool =True
  - Patient\_Payment:Bool =True
  - Comment:String=null
- 
- + Check\_Registration():Bool
  - + Create\_Profile(Patient\_Name:String, Patient\_Address:String,  
Patient\_phone\_Number:Int, Patient\_Email:String):Void
  - + Log\_In(Patient\_Name:String, Patient\_phone\_Number:Int):Bool
  - + Record\_Consultation(Patient\_BloodGroup:String, Patient\_Pressure:Bool,  
Patient\_Diabetes:Bool, Comment:String):Void
  - + Make\_MedicineList():String
  - + Make\_TestList():String
  - + Make\_payment():Int
  - + Notify\_patient():void

# Patient

- Amount: Int=0
- Card\_Number: Int=0
- Card\_Password: Int=0
- OnlineBanking\_Number: Int=0
- OnlineBanking\_Password: Int=0

- + Appointment(): Bool
- + Card\_Payment(Card\_Number: Int, Card\_Password: Int, Amount: Int): Bool
- + OnlineBanking\_Payment(OnlineBanking\_Number: Int, OnlineBanking\_Password: Int, Amount: Int): Bool
- + Get\_Medicine&Test(): Void
- + Cash\_Payment(Amount: Int): Bool