**PROJECT :CPSC 509 DATABASE PROJECT**

1

**TOPIC : DATA ENTITIES, ATTRIBUTES, AND FILES**

**GitHub link https://github.com/kodali2855/goods-and-services.git**

1. Health care business model database has five entity those are patient, doctor, disease, payment and medicine.

Where patient table has four attributes. Those are patient\_id, patient\_name, address, age . This table will store all the information of all the patients those who are registered in this health care.

Doctor table has three attributes. Those are doc\_id, doc\_name, specialization . In this health care business model every doctor has some specialization and his unique id. This table will store those records.

Disease table has four attributes disease\_id ,patient\_id, doctor\_id and disease\_name, where if any patient has some disease and he has been allocated with a doctor then those information will be stored in this table.

Payment table has four attributes payment id, patient\_id ,date and price . After successfully visiting any doctor a patient has to pay some amount of fees for his treatment. This table will store all those payment related information with date.

Medicine table has four attribute medicine\_id, patient\_id, medicine\_name and medicine\_type. This table will keep records of all the information associated with a patient and medicine information.

2.

|  |  |
| --- | --- |
| **patient** |  |
| Patient\_id | Int[10] |
| Patient\_name | Varchar[50] |
| address | Varchar[200] |
| age | Int[10] |

|  |  |
| --- | --- |
| **doctor** |  |
| doc\_id | Int[10] |
| doc\_name | varchar[50] |
| specialization | Varchar[50] |

|  |  |
| --- | --- |
| **disease** |  |
| dis\_id | Int[10] |
| Patient\_id | Int[10] |
| Doc\_id | Int[10] |
| Disease\_name | Varchar[50] |

|  |  |
| --- | --- |
| **payment** |  |
| Payment\_id | Int[10] |
| patient\_id | Int[10] |
| date | Date |
| price | double |

|  |  |
| --- | --- |
| **medicine** |  |
| medicine\_id | Int[10] |
| Patient\_id | int[10] |
| Medicine\_name | varchar[50] |
| Medicine\_type | varchar[50] |