Assignment 3 Table Instance Charts

**BED, PATIENT, NOTE, STAFF, MEDICINE, PRESCRIPTION,**

**SERVICE, TREATMENT**

**TIC Bed**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column\_Name | BedID | Available | RoomID | BedTypeID |
| Key\_Type | PK |  | FK1 | FK2 |
| Nulls/Unique |  | NN |  |  |
| FK table |  |  | Room | Bed\_Type |
| FK column |  |  | RoomID | BedTypeID |
| Datatype | Num | Char | Num | Num |
| Max Length | 4 | 1 | 4 | 4 |
| Validate |  | {Y,N} |  |  |

**Patient**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Column\_Name | PatientID | LastName | FirstName | MiddleName | Address | DOB | PhoneNum | SSN | BebNum |
| Key\_Type | PK |  |  |  |  |  |  |  | FK |
| Nulls/Unique |  | NN | NN |  | NN | NN | NN | U |  |
| FK table |  |  |  |  |  |  |  |  | Bed |
| FK column |  |  |  |  |  |  |  |  | BedID |
| Datatype | Num | VarChar2 | Varchar2 | Varchar2 | Varchar2 | Date | Varchar2 | Varchar2 | Num |
| Max Length | 6 | 20 | 20 | 20 | 20 | 20 | 15 | 9 | 4 |
| Validate |  |  |  |  |  | <= SYSDATE |  |  |  |

**Note**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column\_Name | PatientID | NoteDate | Comments | StaffID |
| Key\_Type | PK, FK1 | PK |  | FK2 |
| Nulls/Unique |  |  | NN |  |
| FK table | Patient |  |  | Staff |
| FK column | PatientID |  |  | StaffID |
| Datatype | Num | Date | Varchar2 | Num |
| Max Length | 6 | 20 | 4000 | 6 |
| Validate |  | <= SYSDATE |  |  |

**STAFF**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Column\_Name | StaffID | LastName | FirstName | MiddleName | JobTitle | WorkPhone | Extension | SSN | HireDate | Salary | WageRate | LicenseNum | WardID |
| Key\_Type | PK |  |  |  |  |  |  |  |  |  |  |  | FK |
| Nulls/Unique |  | NN | NN |  | NN | NN | NN | U | NN |  |  |  |  |
| FK table |  |  |  |  |  |  |  |  |  |  |  |  | Ward |
| FK column |  |  |  |  |  |  |  |  |  |  |  |  | WardID |
| Datatype | Num | Varchar2 | Varchar2 | Varchar2 | Varchar2 | Varchar2 | Varchar2 | Varchar2 | Date | Num | Num | Num | Num |
| Max Length | 6 | 20 | 20 | 20 | 20 | 10 | 4 | 9 | 20 | 8,2 | 5,2 | 8 | 4 |
| Validate |  |  |  |  |  |  |  |  | <=SYSDATE | >=0 | >=0 |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column\_Name | MedicineID | ScientName | CommonName | Normaldose | MedComment | QuantOnStock | UnitMeasure |
| Key\_Type | PK |  |  |  |  |  |  |
| Nulls/Unique |  | U | NN | NN |  | NN | NN |
| FK table |  |  |  |  |  |  |  |
| FK column |  |  |  |  |  |  |  |
| Datatype | Num | Varchar2 | Varchar2 | Varchar2 | Varchar2 | Num | Varchar2 |
| Max Length | 6 | 20 | 20 | 20 | 500 | 5 | 3 |
| Validate |  |  |  |  |  | >=0 |  |

**MEDICINE**

**Perscription**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column\_Name | PrescriptID | PrescripDate | Dosage | Instruction | PatientID | MedicineID | StaffID |
| Key\_Type | PK |  |  |  | FK1 | FK2 | FK3 |
| Nulls/Unique |  | NN | NN | NN |  |  |  |
| FK table |  |  |  |  | Patient | Medicine | Staff |
| FK column |  |  |  |  | PatientID | MedicineID | StaffID |
| Datatype | Num | Date | Varchar2 | Varchar2 | Num | Num | Num |
| Max Length | 6 | 20 | 10 | 500 | 6 | 6 | 6 |
| Validate |  | <=SYSDATE |  |  |  |  |  |

**SERVICE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column\_Name | ServiceID | ServiceDescrip | Charge | ServiceComment | CategCode |
| Key\_Type | PK |  |  |  | FK |
| Nulls/Unique |  | U | NN |  |  |
| FK table |  |  |  |  | Service\_cat |
| FK column |  |  |  |  | CategCode |
| Datatype | Num | Varchar2 | Num | Varchar2 | Num |
| Max Length | 6 | 100 | 6,2 | 500 | 6 |
| Validate |  |  | >=0 |  |  |

**Treatment**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column\_Name | **TreatID** | **TreatDate** | **ActualCharge** | **TreatComment** | **PatientID** | **StaffID** | **ServiceID** |
| Key\_Type | **PK** |  |  |  | **FK1** | **FK2** | **FK3** |
| Nulls/Unique |  | **NN** | **NN** |  |  |  |  |
| FK table |  |  |  |  | **Patient** | **Staff** | **Service** |
| FK column |  |  |  |  | **PatientID** | **StaffID** | **ServiceID** |
| Datatype | **Num** | **Date** | **Num** | **Varchar2** | **Num** | **Num** | **Num** |
| Max Length | **6** | **20** | **8,2** | **500** | **6** | **6** | **6** |
| Validate |  | **<=SYSDATE** | **>=0** |  |  |  |  |

**QUESTION 2**

**Room**

Isnert into Room values (RP01,’Private Room’)

Isnert into Room values (RS14,’Semi Private Room’)

Isnert into Room values (RL22,’Labratory’)

**Bed\_Type**

**Bed**

**Medicine**

**Patient**

**Note**

**Service\_Cat**

**Service**

**Ward**

**Staff**

**Prescription**

**Specialty**

**StafF\_Spec**

**Treatment**