**Abstract:**

Medicine Mapping System is an application to compare generic medicine with branded medicines. This system can search branded medicines and generic medicines by content.

**User:**

**1.Admin:**

**Role:** Admin has all privileges.

**Responsibilities**: Admin is responsible for following Activities.

a. To Login (with default credentials).

b. To Add/Remove/Update Doctor info.

c. To Add/Remove /Update Disease info.

d. To Add/Remove/Update patient Info.

e. To Add Patient Treatment History.

f. To Add Branded Medicine info.

g. To Add Generic Medicine info.

**Data Dictionary**

**Table:** AdminMaster

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | Email | Varchar(100) | PK |
| 2 | Password | varchar(20) |  |

**Table:** PatientMaster

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | PId | numeric(18, 0) | PK |
| 2 | Name | varchar(50) |  |
| 3. | Age | numeric(3, 0) |  |
| 4. | Gender | varchar(10) |  |
| 7. | Email | varchar(100) | UNIQUE |

**Table:** DoctorMaster

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | Name | varchar(50) | PK |
| 2. | Speciality | varchar(50) |  |
| 3. | UserName | varchar(50) |  |
| 4. | Password | varchar(50) |  |

**Table:** DiseaseMaster

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | DiseaseName | varchar(50) | PK |
| 2. | Symptoms | varchar(300) | PK |

**Table:** TreatmentMaster

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | DiseaseName | varchar(50) | FK |
| 3. | GenericMedicine | varchar(100) | FK |
| 4. | BrandedMedicine | varchar(100) | FK |

**Table:** GenericMedicineMaster

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | GenericMedicine | varchar(100) | PK |
| 2. | Contents | varchar(100) |  |
| 3. | Price | numeric(10, 0) |  |

**Table:** BrandedMedicineMaster

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | BrandedMedicine | varchar(100) | PK |
| 2. | Contents | varchar(100) |  |
| 3. | Price | numeric(10, 0) |  |

**Table:** PetientHistory

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Field Name** | **Data Type** | **Constraint** |
| 1. | PId | numeric(18, 0) | FK |
| 2. | DiseaseName | varchar(50) | FK |

**Note: Please follow below Instruction:**

* 3 tier Architecture Model
* Microsoft coding standards
* Database should be normalized
* Use of SP for all database operations
* Appropriate security measures needs to implement.