Centralized Citizen's Health Care Management System

Database Schema (CCHCMS_DB)

Legend: Primary | Nullable | Foreign | Unique

Tables		Columns	Attributes	Relations
Users (Users)	1	Id	bigint, Primary, I-1. NN.	
	2	UserName	varchar(255), NN.	
	3	Password	varchar(255), NN.	
	4	RoleId	int, NN.	FK_Users_Roles
	5	Verified	bit, D-0, NN.	
	6	Registered	datetime, NN.	
Users Information (UsersInformations)	1	Id	bigint, Primary, I-1. NN.	
	2	UserId	bigint, NN.	FK_UsersInformations_Users
	3	Bind	varchar(255), NN.	
	4	Value	text, NN.	
Roles (Roles)	1	Id	int, Primary, I-1, NN.	
	2	Slug	varchar(155), NN.	
Health Card (HealthCard)	1	Id	bigint, Primary, I-100000. NN.	
	2	UserId	bigint, NN. — unique, NC, ASC	FK_HealthCard_Users
Prescription (Prescription)	1	Id	bigint, Primary, I-1. NN.	
	2	HCardId	bigint, NN.	FK_Prescription_HealthCard
	3	DoctorId	bigint, NN.	FK_Prescription_Users
	4	Issued	datetime, NN.	
Drugs (Drugs)	1	Id	bigint, Primary, I-1. NN.	
	2	Name	text, NN.	
	3	PharmaId	int, NN.	FK_Drugs_Pharmaceuticals
	4	Type	varchar(15) — Nullable	
Pharmaceuticals (Pharmaceuticals)	1	Id	bigint, Primary, I-1. NN.	
	2	Name	varchar(MAX)	
Courses (Courses)	1	Id	bigint, Primary, I-1. NN.	
	2	DrugId	bigint, NN.	FK_Courses_Drugs
	3	Pattern	text, NN.	
	4	Duration	int, D-1, NN.	
Prescription Courses (PrescriptionCourses)	1	PrescripId	bigint, NN. — Unique NC, ASC	FK_PrescriptionCourses_Prescription
	2	CourseId	bigint, NN.	FK_PrescriptionCourses_Courses
Diagnosis (Diagnosis)	1	Id	bigint, Primary, I-1. NN.	
	2	Name	text, NN.	
Prescription Diagnosis (PrescriptionDiagnosis)	1	PrescripId	bigint, NN. — Unique NC, ASC	FK_PrescriptionDiagnosis_Prescription
	2	DiagnosisId	bigint, NN.	FK_PrescriptionDiagnosis_Diagnosis

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Database Schema (CCHCMS_DB)			Primary	Nullable	Foreign	Unique

Tables	Columns		Attributes		Relations
Specialty (Specialty)	1	Id	int, Primary, I-1. NN.		
	2	Topic	text, NN.		
Specialist (Specialist)	1	DoctorId	bigint, NN.	Unique NC, ASC	FK_Specialist_Users
	2	SpecialId	int, NN.		FK_Specialist_Specialty
Blocked Users (BlockedUsers)	1	UserId	bigint, NN.	unique, NC, ASC	FK_Users_BlockedUsers
	2	Expire	datetime, NN.		
Appointments (Appointments)	1	Id	bigint, Primary, I-1. NN.		
	2	Name	varchar(MAX), NN.		
	3	DoctorId	bigint, NN.		FK_Appointments_Users
	4	PatientId	bigint	Nullable	FK_Appointments_DoctorPatients
	5	AppointDate	datetime	Nullable	
	6	RequesteDate	datetime, NN.		
	7	RequestedOn	datetime, NN.		
Doctor Patients (DoctorPatients)	1	Id	bigint, Primary, I-1. NN.		
	2	DoctorId	bigint, NN.	Unique NC, ASC	FK_DoctorPatients_Users
	3	HCardId	bigint, NN.		FK_DoctorPatients_HealthCard
Doctors Compounders (DoctorsCompounders)	1	DoctorId	bigint, NN.	Unique NC, ASC	FK_DoctorsCompounders_Users
	2	CompounderId	bigint, NN.		FK_DoctorsCompounders_Users-Compunder
Access Requests (AccessRequests)	1	Id	bigint, Primary, I-1. NN.		
	2	UserId	bigint, NN.		FK_AccessRequests_Users
Hospital Doctors (HospitalDoctors)	1	HospitalId	bigint, NN.	Unique NC, ASC	FK_Users_HospitalDoctors
	2	DoctorId	bigint, NN.		FK_HospitalDoctors_Users
Doctor Schedules (DoctorSchedules)	1	Id	int, Primary, I-1. NN.		
	2	DoctorId	bigint, NN.		FK_DoctorSchedules_Users
	3	Day	varchar(155)		
	4	TimeTo	varchar(20)		
	5	TimeFrom	varchar(20)		

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DoctorSchedules
- Id
- DoctorId
- Day
- TimeTo
- TimeFrom

DoctorPatients
- Id
- DoctorId
- HCardId

BlockedUsers
- UserId
- Expire

HospitalDoctors
- HospitalId
- DoctorId

HealthCard
- Id
- UserId

Users
- Id
- UserName
- Password
- RoleId
- Verified
- Registered

Appointments
- Id
- Name
- DoctorId
- PatientId
- AppointDate
- RequesteDate
- RequestedOn

PrescriptionDiagnosis
- PrescripId
- DiagnosisId

Prescription
- Id
- HCardId
- DoctorId
- Issued

Diagnosis
- Id
- Name

Specialist
- DoctorId
- SpecialId

DoctorsCompounders
- DoctorId
- CompounderId

PrescriptionCourses
- PrescripId
- CourseId

Pharmaceuticals
- Id
- Name

Specialty
- Id
- Topic

AccessRequests
- Id
- UserId

Drugs
- Id
- Name
- PharmaId
- Type

Courses
- Id
- DrugId
- Pattern
- Duration

Roles
- Id
- Slug

UsersInformations
- Id
- UserId
- Bind
- Value