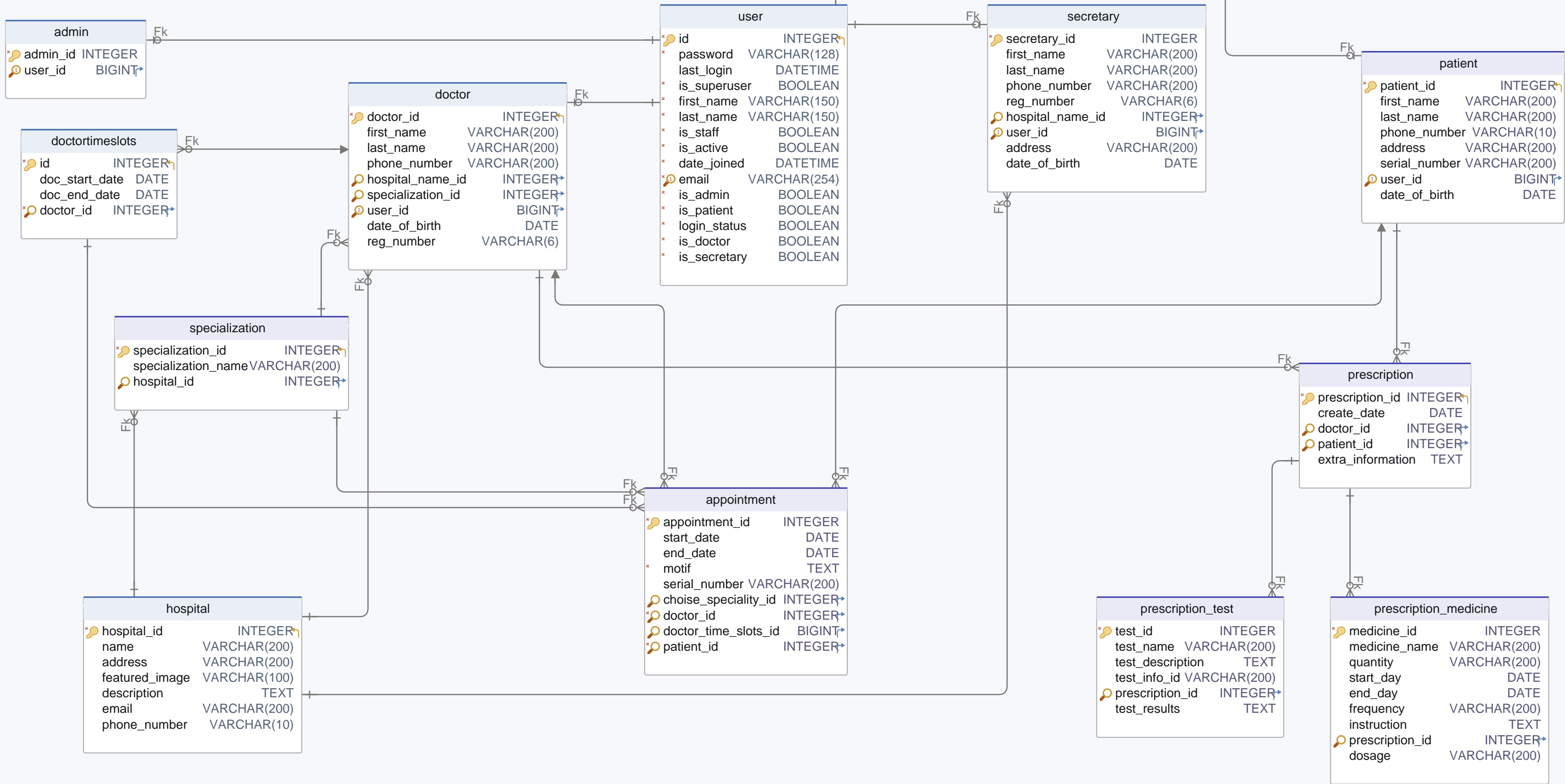


Layouts

1. Main Layout.....	1
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Tables

Default.admin [1].....	2
Default.appointment [1].....	2
Default.doctor [1].....	2
Default.doctortimeslots [1].....	3
Default.hospital [1].....	3
Default.patient [1].....	3
Default.prescription [1].....	4
Default.prescription_medicine [1].....	4
Default.prescription_test [1].....	4
Default.secretary [1].....	5
Default.specialization [1].....	5
Default.user [1].....	5









Cardinalité et ordinalité

La cardinalité désigne le nombre maximal de fois qu'une instance dans une entité peut être associée à des instances dans une autre entité. En revanche, l'ordinalité désigne le nombre minimum de fois qu'une instance dans une entité peut être associée à une instance de l'entité liée.

La cardinalité et l'ordinalité sont représentées par le style et la terminaison d'une ligne, en fonction du type de notation choisi.

Notation dans les diagrammes entité-association

	One
	Many
	One (and only one)
	Zero or one
	One or many
	Zero or many

Main Layout

Table admin		
Idx	Name	Data Type
* Pk	admin_id	INTEGER AUTOINCREMENT
Unq	user_id	BIGINT
Indexes		
Type	Name	On
Pk	pk_book_admin	admin_id
Unq	unq_book_admin_user_id	user_id
Foreign Keys		
Type	Name	On
	Fk (user_id) ref user (id)	

Table appointment		
Idx	Name	Data Type
* Pk	appointment_id	INTEGER AUTOINCREMENT
	start_date	DATE
	end_date	DATE
*	motif	TEXT
	serial_number	VARCHAR(200)
Idx	choise_speciality_id	INTEGER
* Idx	doctor_id	INTEGER
Idx	doctor_time_slots_id	BIGINT
* Idx	patient_id	INTEGER
Indexes		
Type	Name	On
Pk	pk_book_appointment	appointment_id
	book_appointment_choise_speciality_id_8ebd2e1e	choise_speciality_id
	book_appointment_doctor_id_aecd7104	doctor_id
	book_appointment_doctor_time_slots_id_a69cb8a3	doctor_time_slots_id
	book_appointment_patient_id_609278de	patient_id
Foreign Keys		
Type	Name	On
	Fk (choise_speciality_id) ref specialization (specialization_id)	
	Fk (doctor_id) ref doctor (doctor_id)	
	Fk (doctor_time_slots_id) ref doctortimeslots (id)	
	Fk (patient_id) ref patient (patient_id)	

Table doctor		
Idx	Name	Data Type
* Pk	doctor_id	INTEGER AUTOINCREMENT
	first_name	VARCHAR(200)
	last_name	VARCHAR(200)
	phone_number	VARCHAR(200)
Idx	hospital_name_id	INTEGER
Idx	specialization_id	INTEGER
Unq	user_id	BIGINT
	date_of_birth	DATE
	reg_number	VARCHAR(6)
Indexes		
Type	Name	On
Pk	pk_book_doctor	doctor_id

Table doctor		
Unq	uniq_book_doctor_user_id	user_id
	book_doctor_hospital_name_id_32df9148	hospital_name_id
	book_doctor_specialization_id_b24e2698	specialization_id
Foreign Keys		
Type	Name	On
	Fk (hospital_name_id) ref hospital (hospital_id)	
	Fk (specialization_id) ref specialization (specialization_id)	
	Fk (user_id) ref user (id)	

Table doctortimeslots		
Idx	Name	Data Type
* Pk	id	INTEGER AUTOINCREMENT
	doc_start_date	DATE
	doc_end_date	DATE
* Idx	doctor_id	INTEGER
Indexes		
Type	Name	On
Pk	pk_book_doctortimeslots	id
	book_doctortimeslots_doctor_id_a682e91b	doctor_id
Foreign Keys		
Type	Name	On
	Fk (doctor_id) ref doctor (doctor_id)	

Table hospital		
Idx	Name	Data Type
* Pk	hospital_id	INTEGER AUTOINCREMENT
	name	VARCHAR(200)
	address	VARCHAR(200)
	featured_image	VARCHAR(100)
	description	TEXT
	email	VARCHAR(200)
	phone_number	VARCHAR(10)
Indexes		
Type	Name	On
Pk	pk_book_hospital	hospital_id

Table patient		
Idx	Name	Data Type
* Pk	patient_id	INTEGER AUTOINCREMENT
	first_name	VARCHAR(200)
	last_name	VARCHAR(200)
	phone_number	VARCHAR(10)
	address	VARCHAR(200)
	serial_number	VARCHAR(200)
Unq	user_id	BIGINT
	date_of_birth	DATE
Indexes		
Type	Name	On
Pk	pk_book_patient	patient_id
Unq	uniq_book_patient_user_id	user_id
Foreign Keys		

Table patient		
Type	Name	On
	Fk (user_id) ref user (id)	

Table prescription		
Idx	Name	Data Type
* Pk	prescription_id	INTEGER AUTOINCREMENT
	create_date	DATE
Idx	doctor_id	INTEGER
Idx	patient_id	INTEGER
	extra_information	TEXT
Indexes		
Type	Name	On
Pk	pk_book_prescription	prescription_id
	book_prescription_doctor_id_ae74ac21	doctor_id
	book_prescription_patient_id_63cade43	patient_id
Foreign Keys		
Type	Name	On
	Fk (doctor_id) ref doctor (doctor_id)	
	Fk (patient_id) ref patient (patient_id)	

Table prescription_medicine		
Idx	Name	Data Type
* Pk	medicine_id	INTEGER AUTOINCREMENT
	medicine_name	VARCHAR(200)
	quantity	VARCHAR(200)
	start_day	DATE
	end_day	DATE
	frequency	VARCHAR(200)
	instruction	TEXT
Idx	prescription_id	INTEGER
	dosage	VARCHAR(200)
Indexes		
Type	Name	On
Pk	pk_book_prescription_medicine	medicine_id
	book_prescription_medicine_prescription_id_fc8a2aa5	prescription_id
Foreign Keys		
Type	Name	On
	Fk (prescription_id) ref prescription (prescription_id)	

Table prescription_test		
Idx	Name	Data Type
* Pk	test_id	INTEGER AUTOINCREMENT
	test_name	VARCHAR(200)
	test_description	TEXT
	test_info_id	VARCHAR(200)
Idx	prescription_id	INTEGER
	test_results	TEXT
Indexes		
Type	Name	On
Pk	pk_book_prescription_test	test_id
	book_prescription_test_prescription_id_75f0910a	prescription_id

Table prescription_test

Foreign Keys

Type	Name	On
	Fk (prescription_id) ref prescription (prescription_id)	

Table secretary

Idx	Name	Data Type
* Pk	secretary_id	INTEGER AUTOINCREMENT
	first_name	VARCHAR(200)
	last_name	VARCHAR(200)
	phone_number	VARCHAR(200)
	reg_number	VARCHAR(6)
Idx	hospital_name_id	INTEGER
Unq	user_id	BIGINT
	address	VARCHAR(200)
	date_of_birth	DATE

Indexes

Type	Name	On
Pk	pk_book_secretary	secretary_id
Unq	unq_book_secretary_user_id	user_id
	book_secretary_hospital_name_id_6b171627	hospital_name_id

Foreign Keys

Type	Name	On
	Fk (hospital_name_id) ref hospital (hospital_id)	
	Fk (user_id) ref user (id)	

Table specialization

Idx	Name	Data Type
* Pk	specialization_id	INTEGER AUTOINCREMENT
	specialization_name	VARCHAR(200)
Idx	hospital_id	INTEGER

Indexes

Type	Name	On
Pk	pk_book_specialization	specialization_id
	book_specialization_hospital_id_c3791b15	hospital_id

Foreign Keys

Type	Name	On
	Fk (hospital_id) ref hospital (hospital_id)	

Table user

Idx	Name	Data Type
* Pk	id	INTEGER AUTOINCREMENT
*	password	VARCHAR(128)
	last_login	DATETIME
*	is_superuser	BOOLEAN
*	first_name	VARCHAR(150)
*	last_name	VARCHAR(150)
*	is_staff	BOOLEAN
*	is_active	BOOLEAN
*	date_joined	DATETIME
* Unq	email	VARCHAR(254)
*	is_admin	BOOLEAN

Table user		
*	is_patient	BOOLEAN
*	login_status	BOOLEAN
*	is_doctor	BOOLEAN
*	is_secretary	BOOLEAN
Indexes		
Type	Name	On
Pk	pk_book_user	id
Unq	uniq_book_user_email	email