



Default Layout

Table address			
* Pk	registration_no	char(10)	
*	street_address	text	
*	district	varchar(50)	
*	division	varchar(50)	
	phone_no	char(10)	
	mobile_no	char(10)	
	latitude	decimal(10,5)	
	longitude	decimal(10,5)	
Indexes			
Pk	pk_address	registration_no	
Foreign Keys			
	address_fk0 (registration_no) ref hospital (registration_no)		

Table appointment			
* Pk	id	char(10)	
* Idx	user_mobile_no	char(10)	
*	name	varchar(50)	
*	sex	enum('M','F','T','S')	
	for	enum('Self','Father','Mother','Brother','Sister','Relative','Friend','Stranger')	
* Idx	doctor_id	char(10)	
*	time	datetime	
*	status	enum('Requested','Confirmed','Completed','Cancelled')	
	cancelled_at	datetime	
	cancelled_by	char(10)	
* Idx	registration_no	char(10)	
	remarks	tinytext	
*	last_updated	datetime	
Indexes			
Pk	pk_appointment	id	
	appointment_fk0	user_mobile_no	
	appointment_fk1	doctor_id	
	appointment_fk2	registration_no	
Foreign Keys			
	appointment_fk1 (doctor_id) ref doctor (id)		
	appointment_fk2 (registration_no) ref hospital (registration_no)		
	appointment_fk0 (user_mobile_no) ref user (mobile_no)		

Table booking			
* Pk	id	char(10)	
*	booked_at	datetime	
* Idx	user_mobile_no	char(10)	
	name	varchar(50)	
*	sex	enum('M','F','T','S')	

Table booking

*	bed_type	enum('Ward','Special Ward','Cabin','ICU','CCU','COVIDU')	
	booked_for	enum('Self','Father','Mother','Brother','Sister','Relative','Friend','Stranger')	
	cancelled_at	datetime	
	cancelled_by	char(10)	
* Idx	registration_no	char(10)	
*	status	enum('Requested','Booked','Served','Cancelled')	
	remarks	tinytext	
*	last_updated	datetime	

Indexes

Pk	pk_booking	id	
	booking_fk1	registration_no	
	booking_fk0	user_mobile_no	

Foreign Keys

	booking_fk1 (registration_no) ref hospital (registration_no)	
	booking_fk0 (user_mobile_no) ref user (mobile_no)	

Table capacity

* Pk	registration_no	char(10)	
*	total_capacity	mediumint	
	ward	smallint	
	special_ward	smallint	
	cabin	tinyint	
	icu	tinyint	
	ccu	tinyint	
	covidu	smallint	

Indexes

Pk	pk_capacity	registration_no	
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Foreign Keys

	capacity_fk0 (registration_no) ref hospital (registration_no)	
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Table doctor

* Pk	id	char(10)	
* Pk	registration_no	char(10)	
* Pk	joined_on	datetime	
*	password	varchar(50)	
*	email	varchar(50)	
Unq			
*	name	varchar(50)	
*	sex	enum('M','F','T','S')	

Table doctor

*	department	set('Anesthesiology','Audiology','Cardiology','Cardiothoracic Surgery','Dental Sciences','Dermatology','Electrophysiology','Emergency Medicine','Endocrinology','ENT','Family Medicine','Gastroenterology','General Surgery','Genetics','Gynecology','Haematology','Internal Medicine','Microbiology','Nephrology','Neurology','Neurosurgery','Nuclear Medicine','Obstetrics and Gynecology','Oncology','Ophthalmology','Oral and Maxillofacial Surgery','Orthopedics','Pediatrics','Physiotherapy','Plastic Surgery','Psychiatry','Pulmonology','Radiology','Reproductive Medicine','Rheumatology','Stroke Unit','Urology','Uro Oncology','Vascular Surgery')	
*	specialization	varchar(512)	
	chamber	varchar(10)	
	bio	text	
	image_source	varchar(500)	
*	status	enum('Active','Inactive')	

Indexes

Pk	pk_doctor	id, registration_no, joined_on	
Unq	email	email	
	doctor_fk0	registration_no	

Foreign Keys

	doctor_fk0 (registration_no)	ref hospital (registration_no)	
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Table hospital

* Pk	registration_no	char(10)	
* Unq	hospital_name	varchar(100)	
	description	text	
*	hospital_type	enum('Public','Private')	
*	bed_type	set('Ward','Special Ward','Cabin','ICU','CCU','COVIDU')	
	image_source	varchar(500)	
	website	tinytext	
*	joined_on	datetime	
*	status	enum('public','private','deleted')	

Indexes

Table hospital

Pk	pk_hospital	registration_no	
Unq	hospital_name	hospital_name	

Table log

* Pk	logged_at	datetime	
* Pk	registration_no	char(10)	
*	task	tinytext	
* Idx	mobile_no	char(10)	
*	role	enum('Admin','DB Manager','Moderator')	

Indexes

Pk	pk_log	logged_at, registration_no	
	log_fk0	registration_no	
	log_fk1	mobile_no	

Foreign Keys

	log_fk0 (registration_no) ref hospital (registration_no)	
	log_fk1 (mobile_no) ref staff (mobile_no)	

Table schedule

* Pk	doctor_id	char(10)	
* Pk	day	set('R','S','M','T','W','A','F')	
*	start_time	time	
*	end_time	time	
*	last_updated	datetime	

Indexes

Pk	pk_schedule	doctor_id, day	
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Foreign Keys

	schedule_fk0 (doctor_id) ref doctor (id)	
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Table staff

* Pk	mobile_no	char(10)	
* Pk	registration_no	char(10)	
* Pk	joined_on	datetime	
*	password	char(50)	
*	name	varchar(50)	
*	email	varchar(50)	
Unq	role	enum('Admin','DB Manager','Moderator')	
*	status	enum('Active','Inactive')	
*	last_updated	datetime	

Indexes

Pk	pk_staff	mobile_no, registration_no, joined_on	
Unq	email	email	
	staff_fk0	registration_no	

Foreign Keys

Table staff

staff_fk0 (registration_no) ref hospital (registration_no)

Table user

* Pk	mobile_no	char(10)
*	password	varchar(50)
*	name	varchar(50)
*	sex	enum('M','F','T','S')
*	dob	date
Unq	email	varchar(50)
Unq	document_id	char(17)
*	joined_on	datetime

Indexes

Pk	pk_user	mobile_no
Unq	document_id	document_id
Unq	email	email

Table vacant_bed_log

* Pk	registration_no	char(10)
* Pk	last_updated	datetime
	ward	smallint
	special_ward	smallint
	cabin	tinyint
	icu	tinyint
	ccu	tinyint
	covidu	smallint

Indexes

Pk	pk_vacant_bed_log	registration_no, last_updated
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Foreign Keys

vacant_bed_log_fk0 (registration_no) ref hospital (registration_no)