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1 activity_logs

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
user_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE	ID of the user who performed the action	
action	varchar(255)		No				e.g., create_user, update_user, delete_medicine	
target_user_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE SET_NULL	ID of the user who was affected by the action	
details	text		Yes	NULL			A human-readable description of the action	
created_at	timestamp		No	current_timestamp()				

2 admissions

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
patient_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
doctor_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE SET_NULL		
ward_id	int(11)		Yes	NULL				
bed_id	int(11)		Yes	NULL				
room_id	int(11)		Yes	NULL				
admission_date	datetime		No					
discharge_date	datetime		Yes	NULL				

3 appointments

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
user_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
doctor_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
appointment_date	datetime		No					
status	enum('scheduled', 'completed', 'cancelled')		No	scheduled				
created_at	timestamp		No	current_timestamp()				

4 beds

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
ward_id	int(11)		No			-> wards.id ON UPDATE CASCADE ON DELETE CASCADE		
bed_number	varchar(50)		No					
status	enum('available', 'occupied', 'reserved', 'cleaning')		No	available				
patient_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE SET_NULL	FK to users table, used for both occupied and reserved status	
doctor_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE SET_NULL		
occupied_since	datetime		Yes	NULL				
reserved_since	datetime		Yes	NULL				
price_per_day	decimal(10, 2)		No	0.00				
last_updated	timestamp		No	current_timestamp()	on update current_timestamp()			

5 blood_inventory

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
blood_group	enum('A+', 'A-', 'B+', 'B-', 'AB+', 'AB-', 'O+', 'O-')		No					
quantity_ml	int(11)		No	0			Quantity in milliliters	
low_stock_threshold_ml	int(11)		No	5000			Threshold in milliliters	
last_updated	timestamp		No	current_timestamp()	on update current_timestamp()			

6 callback_requests

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
name	varchar(100)		No					
phone	varchar(20)		No					
created_at	timestamp		No	current_timestamp()				
is_contacted	tinyint(1)		No	0				

7 conversations

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
user_one_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
user_two_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
created_at	timestamp		No	current_timestamp()				
updated_at	timestamp		No	current_timestamp()	on update current_timestamp()			

8 departments

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
name	varchar(100)		No					
is_active	tinyint(1)		No	1				

9 doctors

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
user_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
specialty	varchar(100)		Yes	NULL				
qualifications	varchar(255)		Yes	NULL			e.g., MBBS, MD	
department_id	int(11)		Yes	NULL		-> departments.id ON UPDATE CASCADE ON DELETE SET_NULL		
availability	tinyint(1)		No	1			1 = Available, 0 = On Leave	
slots	longtext		Yes	NULL			JSON array of available time slots	

10 lab_results

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
patient_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
doctor_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE SET_NULL		
staff_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE	Staff member who entered the result	
test_name	varchar(255)		No					
test_date	date		No					
result_details	text		Yes	NULL				
attachment_path	varchar(255)		Yes	NULL			Path to an uploaded file (e.g., PDF)	
created_at	timestamp		No	current_timestamp()				

11 medicines

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
name	varchar(255)		No					
description	text		Yes	NULL				
quantity	int(11)		No	0				
unit_price	decimal(10,2)		No	0.00				
low_stock_threshold	int(11)		No	10				
created_at	timestamp		No	current_timestamp()				
updated_at	timestamp		No	current_timestamp()	on update current_timestamp()			

12 messages

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
conversation_id	int(11)		No			-> conversations.id ON UPDATE CASCADE ON DELETE CASCADE		
sender_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
receiver_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
message_text	text		No					
is_read	tinyint(1)		No	0				
created_at	timestamp		No	current_timestamp()				

13 notifications

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
sender_id	int(11)		No			-> users.id ON UPDATE RESTRICT ON DELETE CASCADE		
recipient_role	varchar(50)		Yes	NULL				
recipient_user_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
message	text		No					
is_read	tinyint(1)		No	0				
created_at	timestamp		No	current_timestamp()				

14 prescriptions

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
patient_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
doctor_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
prescription_date	date		No					
status	enum('pending', 'dispensed', 'partial', 'cancelled')		No	pending				
notes	text		Yes	NULL				
created_at	timestamp		No	current_timestamp()				

15 prescription_items

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
prescription_id	int(11)		No			-> prescriptions.id ON UPDATE CASCADE ON DELETE CASCADE		
medicine_id	int(11)		No			-> medicines.id ON UPDATE CASCADE ON DELETE CASCADE		
dosage	varchar(100)		No					
frequency	varchar(100)		No					
quantity_prescribed	int(11)		No	1				
is_dispensed	tinyint(1)		No	0				

16 role_counters

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
role_prefix	char(1)		No					
last_id	int(10)	UNSIGNED	No	0				

17 rooms

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
room_number	varchar(50)		No					
status	enum('available', 'occupied', 'reserved', 'cleaning')		No	available				
patient_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE SET_NULL		
doctor_id	int(11)		Yes	NULL		-> users.id ON UPDATE CASCADE ON DELETE SET_NULL		
occupied_since	datetime		Yes	NULL				
reserved_since	datetime		Yes	NULL				
price_per_day	decimal(10, 2)		No	0.00				
last_updated	timestamp		No	current_timestamp()	on update current_timestamp()			

18 staff

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
user_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
shift	enum('day', 'night', 'off')		No	day				
assigned_department	varchar(100)		Yes	NULL				

19 system_settings

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
setting_key	varchar(255)		No					
setting_value	text		No					

20 transactions

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
user_id	int(11)		No			-> users.id ON UPDATE CASCADE ON DELETE CASCADE		
description	varchar(255)		No					
amount	decimal(10,2)		No					
type	enum('payment', 'refund')		No	payment				
status	enum('pending', 'paid')		No	pending				
payment_mode	enum('unpaid', 'cash', 'card', 'online')		No	unpaid				
created_at	timestamp		No	current_timestamp()				
paid_at	timestamp		Yes	NULL				

21 users

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
display_user_id	varchar(20)		No					
username	varchar(50)		No					
email	varchar(100)		No					
password	varchar(255)		No					
role	enum('user', 'doctor', 'staff', 'admin')		No	user				
name	varchar(100)		Yes	NULL				
gender	enum('Male', 'Female', 'Other')		Yes	NULL				
profile_picture	varchar(255)		Yes	default.png				
phone	varchar(25)		Yes	NULL				
date_of_birth	date		Yes	NULL				
active	tinyint(1)		No	1				
session_token	varchar(255)		Yes	NULL				
created_at	timestamp		No	current_timestamp()				

22 wards

Creation: Jul 28, 2025 at 08:03 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
name	varchar(100)		No				e.g., General Ward, ICU, Pediatric Ward	
capacity	int(11)		No	0				
description	text		Yes	NULL				
is_active	tinyint(1)		No	1				

