Normalized Form

1st Normal Form (1NF)

Table	Attributes
users	id (PK), firstname, lastname, email, username, password, status, role, reset_code, reset_expiry
user_profile	id (PK), user_id (FK), fullname, profile_picture
hotels	hotel_id (PK), hotel_name, location
rooms	room_id (PK), hotel_id (FK), room_name, room_count, price, peak_season, images, status
booking	booking_id (PK), room_id (FK), user_id (FK), customer_name, check_in, check_out, booking_date
booking_cancellations	cancellation_id (PK), booking_id (FK), user_id (FK), cancellation_date, days_before_checkin, booking_amount, cancellation_charge, refund_amount, cancellation_reason, cancelled_by_admin
exchange_rates	id (PK), currency, rate, updated_at
booking_rules	id (PK), rule_name, rule_value, updated_at

2nd Normal Form (2NF)

Table	Attributes
users	user_id (PK), firstname, lastname, email, username, password, status, role
user_security	security_id (PK), user_id (FK), reset_code, reset_expiry
user_profile	profile_id (PK), user_id (FK), fullname, profile_picture
locations	location_id (PK), location_name
hotels	hotel_id (PK), hotel_name, location_id (FK)
room_types	type_id (PK), type_name, base_price, peak_price
rooms	room_id (PK), hotel_id (FK), type_id (FK), room_count, images, status
bookings	booking_id (PK), user_id (FK), room_id (FK), customer_name, check_in, check_out, booking_date
booking_cancellations	cancellation_id (PK), booking_id (FK), user_id (FK), cancellation_date, days_before_checkin, booking_amount, cancellation_charge, refund_amount, cancellation_reason, cancelled_by_admin
exchange_rates	currency_id (PK), currency, rate, updated_at
booking_rules	rule_id (PK), rule_name, rule_value, updated_at

3rd Normal Form (3NF)

Table	Attributes
users	user_id (PK), firstname, lastname, email, username, password, status, role
user_security	security_id (PK), user_id (FK), reset_code, reset_expiry
user_profile	profile_id (PK), user_id (FK), fullname, profile_picture
locations	location_id (PK), location_name
hotels	hotel_id (PK), hotel_name, location_id (FK)
room_types	type_id (PK), type_name
room_type_pricing	pricing_id (PK), type_id (FK), base_price, peak_price
rooms	room_id (PK), hotel_id (FK), type_id (FK), room_count, images, status
bookings	booking_id (PK), user_id (FK), room_id (FK), customer_name, check_in, check_out, booking_date
booking_cancellations	cancellation_id (PK), booking_id (FK), user_id (FK), cancellation_date, days_before_checkin, booking_amount, cancellation_charge, refund_amount, cancellation_reason, cancelled_by_admin
exchange_rates	currency_id (PK), currency_code, exchange_rate, updated_at
booking_rules	rule_id (PK), rule_name, rule_value, updated_at