

Room booking

Users App

TelegramAuthorization	
ID	PK
user_id	Foreign key, not null
telegram_id	Integer, NOT NULL, UNIQUE
auth_date	Timestamp, default=now

Users		
ID	PK	
first_name	Varchar (128), NOT NULL	
last_name	Varchar (128), NOT NULL	
username	Varchar (128), NOT NULL, UNIQUE	
email	Varchar (256), NOT NULL, UNIQUE	
password	Varchar (256), HASHED	
role_id	Foreign key, Default=user	

Roles	
ID	PK
name	Varchar(128), NOT NULL, UNIQUE

Bookings App

Bookings	
ID	PK
user_id	Foreign Key, NOT NULL
room_id	Foreign Key, NOT NULL
check_in_date	Date, NOT NULL
check_out_date	Date, NOT NULL, (checkout > checkin)
booking_date	TimeStamp, default=now
status_id	Foreign Key, NOT NULL
price	Decimal(10,2), (>= 0), NOT NULL

Statuses (EMOM)	
ID	PK
name	Varchar(64), NOT NULL, UNIQUE

Rooms App

Room	
ID	PK
number	Integer, NOT NULL, UNIQUE, (> 0)
room_type_id	Foreign Key
current_price	Decimal(10,2), (>= 0), NOT NULL
capacity	Integer, NOT NULL, (>= 1)
description	Text

RoomType	
ID	PK
name	Varchar(128), NOT NULL, UNIQUE