

Moffat Bay ERD

2 April 2025

Alpha Team:
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User	
PK	<u>user_id int(8)</u>
	email VARCHAR(255) UNIQUE NOT NULL
	first_name VARCHAR(50) NOT NULL
	last_name VARCHAR(50) NOT NULL
	password_hash VARCHAR(255) NOT NULL
	phone_number VARCHAR(20)
	address VARCHAR(100)
	city VARCHAR(50)
	state VARCHAR(50)
	zip VARCHAR(15)
	registration_date TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP

Reservation	
PK	<u>reservation_id INT AUTO INCREMENT</u>
FK	user_id int(8) NOT NULL
FK	room_type_id INT NOT NULL
	check_in_date DATE NOT NULL
	check_out_date DATE NOT NULL
	num_guests INT NOT NULL
	special_requests TEXT
	status VARCHAR(20) NOT NULL
	total_price DECIMAL(10,2) NOT NULL
	created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP

ContactMessage	
PK	<u>message_id INT AUTO INCREMENT</u>
	name VARCHAR(100) NOT NULL
	email VARCHAR(255) NOT NULL
	subject VARCHAR(255)
	message TEXT NOT NULL
	submitted_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP

RoomType	
PK	<u>room_type_id INT AUTO INCREMENT</u>
	room_name VARCHAR(50) NOT NULL
	description TEXT
	price_per_night DECIMAL(10,2) NOT NULL
	max_occupancy INT NOT NULL
	availability_status VARCHAR(20) NOT NULL

Room	
PK	<u>room_id INT AUTO INCREMENT</u>
FK	room_type_id INT NOT NULL
	room_number VARCHAR(10) UNIQUE NOT NULL

