CP 363 Assignment 2 – ER Model

Tourism Agency Booking System DBMS

Group 37

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Guide
- guide_id INT
- guide_name VARCHAR(50)
- contact_number VARCHAR(15)
- language VARCHAR(50)
- availability_status VARCHAR(20)

Manages

N

Payment
- payment_id INT
- booking_id INT
- payment_date DATE
- payment_amount DECIMAL(10,2)
- payment_mode VARCHAR(20)

Transportation
- transport_id INT
- transport_type VARCHAR(50)
- capacity INT
- availability_status VARCHAR(20)

Tour_Schedule
- schedule_id INT
- package_id INT
- guide_id INT
- schedule_date DATE

Legend
0:N	0 or Many
1:N	1 or Many
	Weak Entity
	Partial Participation
	Total Participation

Booking
- booking_id INT
- booking_date DATE
- customer_id INT
- package_id INT
- number_of_people INT
- total_cost DECIMAL(10,2)

Tour_Package
- package_id INT
- package_name VARCHAR(100)
- destination VARCHAR(100)
- price_per_person DECIMAL(10,2)
- start_date DATE
- end_date DATE

1:N

Package_Transport
- package_id INT
- transport_id INT
- cost DECIMAL(10,2)

Has

Customer
- customer_id INT
- first_name VARCHAR(50)
- last_name VARCHAR(50)
- email VARCHAR(100)
- phone VARCHAR(15)
- address VARCHAR(200)
- preferred_destinations VARCHAR(255)

Owns

N

Hotel
- hotel_id INT
- hotel_name VARCHAR(100)
- location VARCHAR(100)
- contact_number VARCHAR(15)

Preferred_Destinations
- customer_id INT
- destination VARCHAR(100)

Package_Hotel
- package_id INT
- hotel_id INT
- stay_duration INT