# Data Dictionary

### **Customer:**

* **CustomerID** (PK, Integer): A unique identifier for each customer (required). Example: 101
* **FirstName** (Varchar, 50): The first name of the customer (required). Example: "John"
* **LastName** (Varchar, 50): The last name of the customer (required). Example: "Doe"
* **Email** (Varchar, 100): The email address of the customer (required). Example: "john.doe@example.com"
* **PhoneNumber** (Varchar, 15): The contact number of the customer (optional). Example: "+1234567890"

### **Booking:**

* **BookingID** (PK, Integer): A unique identifier for each booking (required). Example: 2001
* **CustomerID** (FK, Integer): Foreign key linked to the CustomerID from the Customer table (required).
* **ServiceID** (FK, Integer): Foreign key linked to the ServiceID from the Service table (required).
* **BookingDate** (Date): The date when the booking was made (required). Example: "2023-07-21"
* **AmountPaid** (Decimal, 10, 2): The total amount paid for the booking (required). Example: 299.99

### **Service:**

* **ServiceID** (PK, Integer): A unique identifier for each service (required). Example: 3001
* **ServiceProviderID** (FK, Integer): Foreign key linked to the ServiceProviderID from the ServiceProvider table (required).
* **ServiceType** (Varchar, 50): The type of service (e.g., flight, hotel, car rental) (required). Example: "Flight"
* **ServiceDescription** (Varchar, 255): A brief description of the service (optional). Example: "Round-trip flight to Paris"

### **ServiceProvider:**

* **ServiceProviderID** (PK, Integer): A unique identifier for each service provider (required). Example: 4001
* **ServiceProviderName** (Varchar, 100): The name of the service provider (required). Example: "BestFlights"
* **ServiceType** (Varchar, 50): The type of service they provide (required). Example: "Airline"
* **CommissionRate** (Decimal, 5, 2): The rate of commission for the service provider (optional). Example: 5.75

### **Feedback:**

* **FeedbackID** (PK, Integer): A unique identifier for each piece of feedback (required). Example: 5001
* **BookingID** (FK, Integer): Foreign key linked to the BookingID from the Booking table (required).
* **Rating** (Integer, 1): The rating given by the customer, on a scale of 1-5 (required). Example: 4
* **Comments** (Varchar, 255): Additional comments provided by the customer (optional). Example: "Great experience with easy booking."