|  |
| --- |
| Customer |
| CustID - PK |
| FirstName |
| LastName |
| StAdd |
| City |
| PostCode |
| Address |
| PhoneNum |
| CreditCardNum |
| CreditExp |
| Revenue | |
| RevID - PK | |
| CustID - FK | |
| RoomNumberID - FK | |
| SuppliesID - FK | |
| PaymentMethod | |
| RoomCharge | |
| ExtraCharge | |
| Subtotal | |
| Taxes | |
| Total | |
| InvoiceNum | |
| InvoiceDate | |

|  |
| --- |
| Room Status |
| RoomNumberID - PK |
| CustID - FK |
| CheckInDate |
| CheckOutDate |
| OpEarlyCheckIn |
| ExtraBed |
| ExtraKey |
| LateCheckOut |

|  |
| --- |
| Supplies |
| SuppliesID – PK |
| CustID - FK |
| RoomNumberID - FK |
| OfficeSupp |
| Towels |
| FaceCloth |
| CoffeeStat |
| SnackBar |
| Bookings |
| BookingID-PK |
| CustID - FK |
| RoomNumberID - FK |
| Comments |

|  |
| --- |
| Loyalty Points Program |
| CustID - FK |
| NumbNights |
| PointsPerNight |
| PointsMoneySpent |
| MemberTier |
| LastStayDate |
| RoomNumberID’s – FK |
| PreferredRoomType |
|  |
| Damages |
| RoomNumberID - FK |
| StaffID (staff who assessed damage) |
| DescriptionDamage |
| DateAssessed |
| PhotoEvidence |
| Defaults |
| Invoice Number – 1856 |
| Room Rate – $75.00 |
| HST Rate – 15% or 0.15 |
| Early Check in – $12.00 |
| Extra Bed – $7.00 per night |
| Extra Key – $2.00 |
| Late Check-out – $12.00 |

Customer Table

A customer table was added to this ERD. The customer’s information was used multiple times throughout the program, so this addition helped avoid data duplication and gave better customer tracking.

Room Type

A room type field could be added to the Room Status Table. This would allow prince differentiation between room types and availability tracking for different room types.

Loyalty Points Program

A loyalty points program allows the motel to track repeat customers and offer discounts and loyalty bonuses which keeps customer retention and grows revenue over time.

Damages Table

Sometimes customers damage the room and/or furnishings which need to be tracked and charged to the customer.