

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 price 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.