

Groups # 2 - Noah Devine, Christopher Meadus, Laura Wiseman

| STDef.dat | Room Status | Bookings | Revenue |
|-----------------------------------|--------------------------------|--------------------------|----------------------|
| Invoice number (1856) | RoomNum - PK | BookingID - PK | Revenue - PK |
| Room rate (\$75.00) | StAdd | RoomNum - FK | RoomNum - FK |
| HST rate (15%) | City | CustFirstName | InvoiceNum |
| Early check-in rate (\$12.00) | PostalCode | CustLastName | InvoiceDate |
| Extra bed rate (\$7.00 per night) | PhoneNum | BookSource(online/phone) | PaymentMethod |
| Extra key rate (\$2.00) | CreditCardNum | PhoneNum | RoomCharge |
| Late check-out rate (\$12.00) | CreditCardExpire | CheckInDate | ExtraCharge |
| | EarlCheckIn | CheckOutDate | SubTotal |
| | ExtBed | | HST |
| | ExtKey | | GrandTotal |
| | LateCheckOut | | |
| | Room Status Continue... | | Supplies |
| | RoomStatus(Vacant/Full) | | SupplyID - PK |
| | | | ItemName |
| | | | QuantityOnHand |
| | | | ItemsTakenOut |
| | | | ItemsBroughtIn |
| | | | ReOrder |

Project 4: Entity / Relationship Diagram

1. 'Customer Information' Entity

Reason: Adding a 'Customer Information' entity allows for better communication, such as sending booking confirmations, receipts, promos, points system.

2. 'Credit Card Information' Entity

Reason: Adding a 'Credit Card Information' entity would save time and be able to store the info securely. Would make it easy to pull info quickly for the user.

3. 'Room Extras' Entity

Reason: Adding a 'Room Extras' entity would help with room management, and cost control operations will be smooth and organized.

