***Data Dictionary:***

User Table:

user\_id == int == Unique user ID number #PrimaryKey

email == string

username == string

password == string

phoneNumber == string

RoomItemTable:

Room Number == String == PrimaryKey

RoomName == String == Title of room

CanHold == Int == Room Capacity

InventoryItemTable:

ItemNumber == String == PrimaryKey

ItemName == String == Name of the item. If rentable machine: Machine1, machine2…etc

BookedRoom Table:

RoomBookingNumber == String #PrimaryKey

RoomNumber(FK Room Table) == String

Room Name (FK Room Table) == String

bookedDate == DATE == Booked date

bookedTime == String == Time it is booked for already

Attendance == Int == How many people attending

Purpose == String == Brief description for what the room is being rented for.

BookedBy(ForeignKey) ==int==user\_id from userTable

BookedInventory Table:

inventoryBookingNumber == String #PrimaryKey

ItemNumber (FK From item Table)== String

Item Name (FK From item Table)== String

bookedDate == DATE == date booked for

bookedTime == String == Time it is booked for

assignedRoom (ForeignKey Room Table) == String == If the item is mapped to a specific room, check room. From Room Table

BookedBy(ForeignKey) ==int==user\_id from userTable