

Schema Constructs:

Table name: Login Table

- ID is PK

Login Table		
Column Name	Datatype	Constraints
ID	int (autoincrement)	PK (U, NN)
Password	string	NN
Email	string	NN
Type	int	NN

Table name: BookingRoom

- BookingRoomId is PK
- EmployeeID is FK from Employee Table

BookingRoom		
Column Name	Datatype	Constraints
BookingRoomId	int	PK (U, NN)
RoomStatus	int	
ToDate	DateTime	
FromDate	DateTime	
MeetingHours	string	
MeetingStart	DateTime	
MeetingEnd	DateTime	
EmployeeID	int	NN

Table name: BookingSeat

- BookingSeatId is PK
- EmployeeID is FK from Employee Table

BookingSeat		
Column Name	Datatype	Constraints
BookingSeatId	int	PK (U, NN)
SeatStatus	int	
ToDate	DateTime	
FromDate	DateTime	
SeatShiftTime	string	
ShiftStart	DateTime	
ShiftEnd	DateTime	
EmployeeID	int	NN

Table name: Choices

- ChoiceId is PK
- EmployeeID is FK from Employee Table

Choices		
Column Name	Datatype	Constraints
ChoiceId	int	PK (U, NN)
FoodPreferences	string	
Data	string	
EmployeeID	int	NN

Table name: Employee

- EmployeeID is PK and FK from Login Table

Employee		
Column Name	Datatype	Constraints
EmployeeID	int	PK (U, NN)
EmployeeName	string	
EmployeeNumber	int	
Role	string	NN
Image	Byte[]	
PhoneNumber	string	
Gender	char	
SecurityQuestion	string	

Table name: Floor

- FloorId is PK

Floor		
Column Name	Datatype	Constraints
FloorId	int	PK (U, NN)
FloorName	string	

Table name: QRScanner

- QId is PK
- BookingSeatId is FK from BooingSeat Table

QRScanner		
Column Name	Datatype	Constraints
QId	int	PK (U, NN)
QRCode	Byte[]	
BookingSeatId	int	

Table name: ReservedRoom

- ReservedRoomId is PK
- RoomId is FK from Room Table
- BookingRoomId is FK from BookingRoom Table

ReservedRoom		
Column Name	Datatype	Constraints
ReservedRoomId	int	PK (U, NN)
RoomId	string	
BookingRoomId	string	

Table name: ReservedSeat

- ReservedSeatId is PK
- SeatId is FK from Seat Table
- BookingSeatId is FK from BookingSeat Table

ReservedSeat		
Column Name	Datatype	Constraints
ReservedSeatId	int	PK (U, NN)
SeatId	int	
BookingSeatId	int	

Table name: Room

- RoomId is PK
- FloorId is FK from Floor Table

Room		
Column Name	Datatype	Constraints
RoomId	int	PK (U, NN)
RoomNumber	string	
FloorId	string	

Table name: Seat

- SeatId is PK
- FloorId is FK from Floor Table

Seat		
Column Name	Datatype	Constraints
SeatId	int	PK (U, NN)
SeatNumber	string	
FloorId	int	