

Hotel		
HotelID PK	int	
Name	varchar(100) NN	
Address	varchar(255) NN	
City	varchar(50) NN	
Country	varchar(50) NN	
PostalCode	varchar(20)	
Phone	varchar(20) NN	
Email	varchar(100)	
Website	varchar(100)	
Description	text	
StarRating	decimal(2,1)	
CheckinTime	time NN	
CheckoutTime	time NN	
IsActive	boolean NN	
CreatedDate	datetime NN	
UpdatedDate	datetime	

RoomType		
RoomTypeID PK	int	
HotelID	int NN	
Name	varchar(100) NN	
Description	text	
BasePrice	decimal(10,2) NN	
BaseCurrency	varchar(3) NN	
MaxOccupancy	int NN	
BedConfiguration	varchar(100)	
RoomSize	varchar(50)	
IsActive	boolean NN	

Room		
RoomID PK	int	
HotelID	int NN	
RoomTypeID	int NN	
RoomNumber	varchar(20) NN	
Floor	varchar(10)	
Status	varchar(20) NN	
Notes	varchar(255)	
IsActive	boolean NN	

Booking		
BookingID PK	int	
BookingReference	varchar(20) NN	
UserID	int NN	
BookingDate	datetime NN	
CheckInDate	date NN	
CheckOutDate	date NN	
AdultCount	int NN	
ChildCount	int NN	
SpecialRequests	text	
TotalAmount	decimal(10,2) NN	
DiscountAmount	decimal(10,2) NN	
TaxAmount	decimal(10,2) NN	
FinalAmount	decimal(10,2) NN	
Currency	varchar(3) NN	
BookingStatus	varchar(20) NN	
PromotionID	int	
PaymentStatus	varchar(20) NN	
CancellationDate	datetime	
CancellationReason	varchar(255)	
RefundAmount	decimal(10,2)	
BookingSource	varchar(50) NN	

Review		
ReviewID PK	int	
BookingID	int NN	
UserID	int NN	
HotelID	int NN	
Rating	decimal(3,1) NN	
Title	varchar(100)	
Content	text	
ReviewDate	datetime NN	
CleanlinessRating	decimal(3,1)	
ServiceRating	decimal(3,1)	
LocationRating	decimal(3,1)	
ValueRating	decimal(3,1)	
IsVerified	boolean NN	
IsPublished	boolean NN	

HotelAmenity		
AmenityID PK	int	
Name	varchar(100) NN	
Description	varchar(255)	
Icon	varchar(50)	

RoomAmenity		
AmenityID PK	int	
Name	varchar(100) NN	
Description	varchar(255)	
Icon	varchar(50)	

User		
UserID PK	int	
Email	varchar(100) NN	
PasswordHash	varchar(255) NN	
FirstName	varchar(50) NN	
LastName	varchar(50) NN	
Phone	varchar(20)	
Address	varchar(255)	
City	varchar(50)	
Country	varchar(50)	
PostalCode	varchar(20)	
DateOfBirth	date	
Gender	varchar(10)	
Nationality	varchar(50)	
PassportNumber	varchar(50)	
UserType	varchar(20) NN	
RegistrationDate	datetime NN	
LastLoginDate	datetime	
IsVerified	boolean NN	
IsActive	boolean NN	

BookingDetail		
BookingDetailID PK	int	
BookingID	int NN	
RoomID	int NN	
RoomTypeID	int NN	
PricePlanID	int	
DateFrom	date NN	
DateTo	date NN	
DailyRate	decimal(10,2) NN	
TaxRate	decimal(5,2) NN	
TotalAmount	decimal(10,2) NN	
GuestFirstName	varchar(50)	
GuestLastName	varchar(50)	
Status	varchar(20) NN	
Notes	varchar(255)	

Staff		
StaffID PK	int	
UserID	int	
HotelID	int NN	
FirstName	varchar(50) NN	
LastName	varchar(50) NN	
Position	varchar(50) NN	
Department	varchar(50) NN	
HireDate	date NN	
Phone	varchar(20)	
Email	varchar(100) NN	
Address	varchar(255)	
IsActive	boolean NN	

HotelHasAmenity		
HotelID PK	int NN	
AmenityID PK	int NN	

RoomTypeHasAmenity		
RoomTypeID PK	int NN	
AmenityID PK	int NN	

PricePlan		
PricePlanID PK	int	
RoomTypeID	int NN	
Name	varchar(100) NN	
Description	varchar(255)	
ValidFrom	date NN	
ValidTo	date NN	
DayOfWeekBitmask	int NN	
Price	decimal(10,2) NN	
Currency	varchar(3) NN	
IsBreakfastIncluded	boolean NN	
IsRefundable	boolean NN	
RefundPercentage	decimal(5,2)	
MinStayLength	int	
MaxStayLength	int	
AdvanceBookingDays	int	
IsActive	boolean NN	

Payment		
PaymentID PK	int	
BookingID	int NN	
Amount	decimal(10,2) NN	
Currency	varchar(3) NN	
PaymentDate	datetime NN	
PaymentMethod	varchar(50) NN	
PaymentStatus	varchar(20) NN	
TransactionID	varchar(100)	
CardType	varchar(50)	
Last4Digits	varchar(4)	
Notes	varchar(255)	

MaintenanceRecord		
RecordID PK	int	
RoomID	int NN	
ReportedByStaffID	int	
ReportDate	datetime NN	
Issue	varchar(255) NN	
Priority	varchar(20) NN	
Status	varchar(20) NN	
AssignedToStaffID	int	
StartDate	datetime	
CompletionDate	datetime	
Notes	text	

HotellImage		
ImageID PK	int	
HotelID	int NN	
ImageURL	varchar(255) NN	
Caption	varchar(100)	
IsPrimary	boolean NN	
DisplayOrder	int NN	

RoomTypeImage		
ImageID PK	int	
RoomTypeID	int NN	
ImageURL	varchar(255) NN	
Caption	varchar(100)	
IsPrimary	boolean NN	
DisplayOrder	int NN	

Promotion		
PromotionID PK	int	
Name	varchar(100) NN	
Description	text	
DiscountType	varchar(20) NN	
DiscountValue	decimal(10,2) NN	
ValidFrom	datetime NN	
ValidTo	datetime NN	
PromotionCode	varchar(20)	
MinimumStay	int	
MinimumAmount	decimal(10,2)	
ApplicableRoomTypes	varchar(255)	
ApplicableHotels	varchar(255)	
MaxUsageCount	int	
CurrentUsageCount	int NN	
IsActive	boolean NN	

Invoice		
InvoiceID PK	int	
BookingID	int NN	
InvoiceNumber	varchar(50) NN	
InvoiceDate	datetime NN	
DueDate	datetime	
Amount	decimal(10,2) NN	
TaxAmount	decimal(10,2) NN	
TotalAmount	decimal(10,2) NN	
Currency	varchar(3) NN	
Status	varchar(20) NN	
BillingAddress	varchar(255)	
BillingName	varchar(100)	
Notes	varchar(255)	

CleaningRecord		
RecordID PK	int	
RoomID	int NN	
CleanedByStaffID	int NN	
CleaningDate	datetime NN	
Status	varchar(20) NN	
VerifiedByStaffID	int	
VerificationDate	datetime	
Notes	varchar(255)	

