

Hotel Reservation Management System
E1 ERD

GuestFee		
	GuestType	varchar(255)
	GuestRate	decimal(19, 0)
	EffectiveDate	datetime2(7)

Clerk		
	ClerkId	int
	FirstName	nvarchar(30)
	MiddleName	nvarchar(30)
	LastName	nvarchar(30)
	UserName	nvarchar(30)
	Password	nvarchar(50)
	StreetAddress	nvarchar(100)
	Municipality	nvarchar(50)
	ProvinceId	int
	CountryId	int
	PostalCode	char(10)
	PhoneNumber	char(20)
	SIN	char
		int

Reservation		
	ConfirmationNumber	varchar(10)
	CheckInDate	datetime2(7)
	CheckOutDate	datetime2(7)
	NumAdults	int
	NumChildren	int
	GuestId	int
	RoomId	char(10)
	ClerkId	int
	BaseFee	decimal(19, 0)
	AdultRate	decimal(19, 0)
	ChildRate	decimal(19, 0)

Room		
	RoomNumber	char(10)
	RoomName	varchar(100)
	MaxOccupancy	int
	NumBeds	int
	RoomTypeId	int
	BaseRate	decimal(19, 0)

BedType		
	BedID	int
	Description	varchar(50)

RoomType		
	RoomTypeId	int
	Description	varchar(50)

Province		
	ProvinceId	int
	ProvinceName	nvarchar(50)
	Abbreviation	char(5)

Guest		
	GuestId	int
	FirstName	nvarchar(50)
	MiddleName	nvarchar(50)
	LastName	nvarchar(50)
	StreetAddress1	nvarchar(150)
	Municipality	nvarchar(100)
	ProvinceId	int
	CountryId	int
	PostalCode	char(20)
	HomePhoneNum	char(25)
	MobilePhoneNum	char(25)
	EmailAddress	nvarchar(255)
	DateOfBirth	datetime2(7)

Country		
	CountryId	int
	CountryName	nvarchar(100)

Created by

has

has

has

has

has

made by

makes

has

has

has

has

has

creates

has

has