

Field Name	Data Type	Constraints
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Customer

CustomerID	int	Primary Key
FirstName	nvarchar(20)	Not Null
LastName	nvarchar(20)	
Email	nvarchar(30)	Unique, Not Null
MobileNumber	bigint	Not Null
DOB	date	Check
PreferredLanguage	nvarchar(4)	
HasSubscribedToNewsLetter	bit	Not Null
RegisteredOn	datetime	Not Null

CustomerAddresses

AddressID	int	Primary Key
CustomerID	int	Foreign Key(Customer => CustomerID)
StreetName	nvarchar(50)	Not Null
HouseNumber	nvarchar(20)	Not Null
PostalCode	int	Not Null

ServiceProvider

SPID	int	Primary Key
FirstName	nvarchar(20)	Not Null
LastName	nvarchar(20)	
Email	nvarchar(30)	Unique, Not Null
MobileNumber	bigint	Not Null
DOB	date	Check
Gender	nvarchar(5)	Not Null
Avtar	int	Not Null
Nationality	nvarchar(10)	
isActive	bit	Not Null
HasSubscribedToNewsLetter	bit	Not Null
ServiceRadius	int	Not Null
InterestedToWorkWithPets	bit	Not Null
PreferredLanguage	nvarchar(4)	
RegisteredOn	datetime	Not Null

SPAddresses

AddressID	int	Primary Key
SPID	int	Foreign Key(ServiceProvider => SPID)
StreetName	nvarchar(50)	Not Null
HouseNumber	nvarchar(20)	Not Null
PostalCode	int	Not Null
IsBillingAddress	bit	Not Null

**isBillingAddress field is to indicate whether the address is the normal address of the service provider or a billing address*
0 - ServiceProvider Address
1 - ServiceProvider Billing Address

SPFinancialInfo

SPID	int	Foreign Key(ServiceProvider => SPID)
TaxNumber	nvarchar(20)	Not Null
BankAccountHolderName	nvarchar(30)	Not Null
IBAN_Number	nvarchar(20)	Not Null

SPDocuments

SPID	int	Foreign Key(ServiceProvider => SPID)
DocumentName	nvarchar(20)	Not Null
DocumentType	nvarchar(20)	Not Null
IssueDate	datetime	Not Null
ExpiryDate	datetime	Not Null
Path	nvarchar(100)	Not Null

SPAvailability

SPID	int	Foreign Key(ServiceProvider => SPID)
WorkDay	nvarchar(10)	Not Null
StartTime	time	
EndTime	time	

SPExtraServices

SPID	int	Foreign Key(ServiceProvider => SPID)
InsideCabinets	bit	Not Null
InsideFridge	bit	Not Null
InsideOven	bit	Not Null
LaundryWashAndDry	bit	Not Null
InteriorWindows	bit	Not Null

ServiceRequests

ServiceID	int	Primary Key
CustomerID	int	Foreign Key(Customer => CustomerID)
SPID	int	Foreign Key(ServiceProvider => SPID)
MadeOn	datetime	Not Null
Duration	real	Not Null
ExtraServices	nvarchar(70)	
Comments	text	
HavingPet	bit	Not Null
AddressID	int	Foreign Key(Addresses => AddressID)
HasBeenAssigned	bit	Not Null
TotalAmount	int	Not Null
PaymentID	int	Foreign Key(ServicePayment => PaymentID)
Rating	real	

ServicePayment

PaymentID	int	Primary Key
PromoCode	nvarchar(20)	
CardNumber	bigint	Not Null
Status	int	Not Null

CustomerNotifications

CustomerID	int	Foreign Key(Customer => CustomerID)
Content	text	Not Null
CreatedOn	datetime	Not Null

SPNotifications

SPID	int	Foreign Key(ServiceProvider => SPID)
Content	text	Not Null
CreatedOn	datetime	Not Null

Contact

TicketNumber	int	Primary Key
FirstName	nvarchar(20)	Not Null
LastName	nvarchar(20)	Not Null
MobileNumber	bigint	Not Null
Email	nvarchar(30)	Not Null
QueryType	nvarchar(20)	Not Null
IsForService	bit	Not Null
ServiceID	int	Foreign Key(ServiceRequests => ServiceID)

FavoritePros

CustomerID	int	Foreign Key(Customer => CustomerID)
SPID	int	Foreign Key(ServiceProvider => SPID)

Invoice

InvoiceID	int	Primary Key
ServiceID	int	Foreign Key(ServiceRequests => ServiceID)
InvoiceDate	date	Not Null
InvoiceAmount	int	Not Null

SPRating

SPID	int	Foreign Key(ServiceProvider => SPID)
EffectiveRating	real	

**We will have trigger for this table. Whenever the customer provides rating we will update the effective rating of the corresponding service provider*

BlockedCustomers

SPID	int	Foreign Key(ServiceProvider => SPID)
CustomerID	int	Foreign Key(Customer => CustomerID)

Administrator

AdminID	int	Primary Key
Email	nvarchar(30)	Unique, Not Null
Password	nvarchar(30)	Not Null
FirstName	nvarchar(20)	Not Null
LastName	nvarchar(20)	
Role	nvarchar(15)	Not Null
RegisteredOn	datetime	Not Null