Schema explanation

Table: Vendor

Attribute	Key	Type	Note
vendorid	Primary key	Big integer	Non-nullable
vendorname		Alphanumeric	Size: 255. Non-nullable.
address		Alphanumeric	Size: 255
email		Alphanumeric	Size: 255. Non-nullable.
phone		Alphanumeric	Size: 255

Table: Product

Attribute	Key	Type	Note
productid	Primary key	Big integer	Non-nullable
productname		Alphanumeric	Size: 255. Non-nullable.

Table: Agreement

Attribute	Key	Type	Note
agreementid	Primary key	Big integer	Non-nullable.
vendorid	Foreign key	Big integer	Non-nullable.
productid	Foreign key	Big integer	Non-nullable.
agreementdate		Date	
expirydate		Date	Default: 6 months after agreement date
expirystatus		Boolean	True = Agreement expired (default) False = Agreement valid
agreementurl		Alphanumeric	Size: 255. Non-nullable.
price		Float	Final price or vendor's proposed price in the case of negotiation. This is updated directly by the vendor.
proposedprice		Float	The client's proposed price. This can be different and both *price* and *proposedprice* must be made equal after negotiation is finalised.