

Database Tables with Attributes for eStoreDB

Points mentioned below must be followed while designing Database:-

1. Database Name, Table Name ,Column Name must be same as mentioned in the file below, if any doubt first consult with associated Mentor before changing it.
2. Provide Constraints as mentioned on tables, where **PK** stands for primary key, **FK** stands for foreign key and **also enable cascading while creating foreign key for delete and update operations.**
3. Names other than **PK & FK** in bold represents the Table Names.
4. Every table consist its attributes with its data type and size.

Tables with its attributes :

1. UserAccount

UserId	nvarchar(20) NOT NULL (PK)
EmailID	nvarchar (50) NOT NULL ,
Password	nvarchar (100) NOT NULL ,
HintQuestion	nvarchar (255) NULL ,
Answer	nvarchar (50) NULL ,
Status	bit NOT NULL

2. UserInfo

UserInfo_Id	bigint NOT NULL ,
FName	nvarchar (100) NOT NULL ,
LName	nvarchar (100) NULL ,
DOB	datetime NULL ,
ContactNo	nvarchar (50) NULL ,
Gender	nvarchar (10) NOT NULL ,
AccountId	nvarchar(20)(FK ,UserAccount(UserId))
Description	nvarchar (500) NULL ,

3. CompanyType

CompanyTypeId	bigint NOT NULL (PK),
TypeName	nvarchar (100) NULL ,
Description	nvarchar (500) NULL ,
Active	bit NOT NULL ,

4. CompanyInfo

CompanyId	bigint (PK) ,
CompanyName	nvarchar (100) NOT NULL ,
CompanyTypeId	bigint NULL(FK ,CompanyType(CompanyTypeId))

FullName	nvarchar (100) NULL ,
URI	datetime NULL ,
RepresentativeName	nvarchar(100)
ContactNo	nvarchar (50) NULL ,
Accountld	nvarchar(20) NULL ,(FK ,UserAccount(Userld))
EmailID	nvarchar (50) NOT NULL ,
Description	nvarchar (500) NULL ,
Status	bit NOT NULL

5. AddressMaster

Addressld	bigint NOT NULL (PK)
Accountld	nvarchar(20)(FK, UserAccount(Userld))
Address	nvarchar (100) NOT NULL ,
Cityld	bigint NOT NULL , (FK CityMaster(Cityld))
StateId	bigint NOT NULL , (FK StateMaster(StateId))
Countryld	bigint NOT NULL , (FK CountryMaster(Countryld))
ZipCode	varchar (10) NULL ,
AddressType	nvarchar (50) NOT NULL ,
Active	bit NOT NULL ,

6. CountryMaster

CountryID	bigint NOT NULL ,(PK)
CountryName	nvarchar (50) NOT NULL ,
Description	nvarchar (500) NULL ,
Active	bit NOT NULL

7. StateMaster

StateId	bigint NOT NULL ,(PK)
StateName	nvarchar (50) NOT NULL ,
Description	nvarchar (500) NULL ,
Countryld	bigint NOT NULL , (FK CountryMaster(Countryld))
Active	bit NOT NULL

8. CityMaster

Cityld	bigint NOT NULL ,(PK)
CityName	nvarchar (50) NOT NULL ,
Description	nvarchar (500) NULL ,
StateID	bigint NOT NULL ,(FK StateMaster(StateId))
CityType	nvarchar (50) NULL ,
Active	bit NOT NULL

9. CategoryMaster

CMld	bigint NOT NULL ,(PK)
CMName	nvarchar (100) NOT NULL ,
Description	nvarchar (500) NULL ,

	ImageUrl	nvarchar (50) NULL ,
	Active	bit NOT NULL
10. ProductMaster		
	ProductId	bigint NOT NULL (PK)
	ProductName	nvarchar (100) NOT NULL ,
	PurchasePrice	float NOT NULL ,
	MRP	float NOT NULL ,
	OurPrice	float NOT NULL ,
	BrandId	int NOT NULL ,(FK, Brand(BrandId))
	CategoryId	bigint NOT NULL ,(FK CategoryMaster(CMId))
	TypeId	bigint NOT NULL ,(FK, ProductType(TypeId))
	Quantity	bigint NOT NULL ,
	Description	nvarchar (500) NULL ,
	RatingId	bigint NOT NULL , ,(FK, RatingCountId(RatingId))
	Image1	nvarchar (50) NULL
	Image2	nvarchar (50) NULL
	ValuePoint	bigint NOT NULL
	Active	bit NOT NULL
11. Brand		
	BrandId	bigint NOT NULL ,(PK)
	BrandName	varchar (100) NOT NULL ,
	Logo	nvarchar (50) NULL ,
	Description	varchar (100) NULL ,
	Active	bit NOT NULL
12. ProductType		
	TypeId	bigint NOT NULL ,(PK)
	TypeName	nvarchar (50) NOT NULL ,
	Description	nvarchar (500) NULL ,
	Active	bit NOT NULL
13. RatingCount		
	RatingCountId	bigint NOT NULL ,(PK)
	UserId	nvarchar(20) NOT NULL ,(FK ,UserAccount(UserId))
	RateCount	bigint NOT NULL
	Description	nvarchar (500) NULL ,
	Active	bit NOT NULL
14. Wishlist		
	WishListId	bigint NOT NULL ,
	CustomerUserId	nvarchar(20) NULL ,(FK, UserAccount(UserId))
	ProductId	bigint NULL ,(FK, ProductMaster(ProductId))
	InsertDate	datetime NULL
15. ShopingCart		
	ShopingId	bigint NOT NULL ,(PK)
	CustomerUserId	nvarchar(20) NULL ,(FK, , UserAccount(UserId))

SessionId	nvarchar (50) NOT NULL ,
Date	datetime NOT NULL ,
ProductId	bigint NOT NULL ,
Quantity	bigint NOT NULL ,
Price	float NOT NULL ,
Active	bit NOT NULL

16. Offer

OfferId	bigint NOT NULL ,(PK)
ProductId	bigint NOT NULL ,,(FK, ProductMaster(ProductId))
OfferPrice	float NOT NULL ,
Description	nvarchar (500) NULL ,
Active	bit NOT NULL ,
OfferStartDate	datetime NULL ,
OfferEndDate	datetime NULL

17. OrderMaster

OrderId	bigint NOT NULL ,(PK)
CustomerUserId	nvarchar(20) NOT NULL ,(FK, , UserAccount(UserId))
OrderDate	datetime NOT NULL ,
OrderAmount	float NOT NULL ,
Discount	float NULL ,
ShippingAmount	float NOT NULL ,
TaxAmount	float NOT NULL ,
NetAmount	float NOT NULL ,
ShippingDate	datetime NOT NULL ,
ShippingAddressID	bigint NOT NULL ,
BillingAddressID	bigint NOT NULL ,
StatusID	tinyint NULL ,
Active	bit NOT NULL

18. OrderDetails

OrderId	bigint NOT NULL ,(PK)
ProductId	bigint NOT NULL ,,(FK, ProductMaster(ProductId))
ProductPrice	float NOT NULL ,
Quantity	bigint NOT NULL ,
Discount	float NULL ,
Active	bit NOT NULL

19. OrderStatus

StatusId	bigint NOT NULL ,(PK)
StatusType	nvarchar (50) NOT NULL ,
Description	nvarchar (500) NULL ,

Active	bit NOT NULL
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20. Review

ReviewId	bigint NOT NULL ,(PK)
ProductId	bigint NOT NULL , ,(FK, ProductMaster(ProductId)
UserId	nvarchar(20) NOT NULL , (FK, , UserAccount(UserId))
ReviewText	nvarchar (500) NULL ,
Active	bit NOT NULL

21. Discussion

DiscussionId	bigint NOT NULL ,
ProductId	bigint NOT NULL , ,(FK, ProductMaster(ProductId)
UserId	Nvarchar(20) NOT NULL , (FK, , UserAccount(UserId))
DiscussionTopic	nvarchar (500) NULL ,
DiscussionText	nvarchar (500) NULL ,
Date	datetime NULL ,
Active	bit NOT NULL

22. DiscussionPost

PostId	bigint NOT NULL ,(PK)
DiscussionId	bigint NOT NULL ,
UserId	Nvarchar(20) NOT NULL , ,(FK, , UserAccount(UserId))
PostText	nvarchar (500) NULL ,
Date	datetime NULL ,
Active	bit NOT NULL

23. ValuePoint

ValuePointId	bigint NOT NULL ,
UserId	Nvarchar(20) NOT NULL , ,(FK, , UserAccount(UserId))
TotalPoint	bigint

24. Bid

BidId	bigint NOT NULL ,(PK)
ProductId	bigint NOT NULL , ,(FK, ProductMaster(ProductId)
BidValue	int
BidPrice	float NOT NULL ,
BidStartDate	DateTime
BidEndDate	DateTime
Description	nvarchar (500) NULL ,
Active	bit NOT NULL

25. BidDeatil

BidDetailsId	bigint NOT NULL ,(PK)
BidId	bigint NOT NULL ,(FK, Bid(BidId))

UserId	Nvarchar(20) NOT NULL , ,(FK, , UserAccount(UserId))
MakeBid	float NOT NULL ,
Active	bit NOT NULL

26. BidWinner

BidWinnerId	bigint NOT NULL ,(PK)
BidId	bigint NOT NULL ,(FK,Bid(BidId))
UserId	Nvarchar(20) NOT NULL ,(FK, , UserAccount(UserId))

27. Coupon

CouponId	bigint NOT NULL (PK)
CouponName	nvarchar (50) NOT NULL ,
CouponValue	Float
CouponCondition	Float
Vaildtill	DateTimeNOT NULL
Description	nvarchar (100) NULL
Active	bit NOT NULL

28. Query

QueryID	int (PK)
First_Name	nvarchar(50)
Last_name	nvarchar(50)
Email_id	nvarchar(50)
Subject	nvarchar(100)
QueryText	nvarchar(MAX)

29. BadWords

WordID	int(PK)
WordExpression	nvarchar(200)
WordReplacement	nvarchar(200)
WordAction	int
WordIsGlobal	bit

30. Messaging_Message

MessageID	int(PK)
MessageSenderUserID	nvarchar(20) (FK, UserAccount(userid))
MessageSenderNickName	nvarchar(200)

MessageRecipientUserID	nvarchar(20)	(FK, UserAccount(userid))
MessageRecipientNickName	nvarchar(200)	
MessageSent	Datetime	
MessageSubject	nvarchar(200)	
MessageBody	nvarchar(MAX)	
MessageRead	Datetime	
MessageSenderDeleted	bit	
MessageRecipientDeleted	bit	
MessageLastModified	Datetime	

31. Contact_Us

Contact_id	int(PK)
Contact_Person_Name	nvarchar(50)
Contact_Email	nvarchar(50)
Address	nvarchar(1000)
Enable	bit

32. Resource_Master

Resource_id	int(PK)
Resource_name	nvarchar(50)
Discription	nvarchar(100)
Resource_url	nvarchar(50)
Enabled	bit

33. Child_Resource_Master

Child_Resource_id	int(PK)
Parent_Resource_id	int(FK,Resource_Master(Resource_id))
Child_Resource_name	nvarchar(100)
Description	nvarchar(100)
Child_Resource_URL	nvarchar(100)
Enabled	nvarchar(100)

34. Role_Master

Role_Id	int(PK)
Role_Name	nvarchar(100)
Discription	nvarchar(500)

35. Role_Resource_Map

Role_Id	int(PK,FK)
Resource_Id	int(PK,FK)

36. Employee_Role_Map

Employee_code	varchar(20)(PK,FK)
Roleid	int(PK,FK)

37. Department_Master

Department_id	int(PK)
Department_Name	nvarchar(50)
Description	nvarchar(100);

38. Employee_Master

Employee_Code	varchar(20)(PK)
Department_id	int (FK Department_Master(Department_id))
Employee_Name	nvarchar(50)
Email_login	nvarchar(80)
Password	nvarchar(50)
Country	bigint (FK ,countrymaster(CountryId))
State	bigint (FK ,StateMaster(StateId))
City	bigint (FK ,CityMaster(CityId))
Address	nvarchar(300)
Mobile_no	nvarchar(10)

39. FAQ

FAQ_Id	int (PK)
FAQ_Que	nvarchar(200)
FAQ_Ans	nvarchar(2000)
Active	bit