Book Worm ERD

Diagram Key

- Existing table
- Proposed table

ProductTypeMaster

PK	TypeId	int
	TypeDesc	varchar(2000)

LanguageMaster

PK	LanguageId	int
	LanguageDesc	varchar
FK	TypeId	int

GenreMaster

PK	GenereId	int
	GenereDesc	varchar
FK	LanguageId	int

ProductAttributte

Pk	ProductAttributeId	int
Fk	AttributeId	int
FK	ProductId	int
	AttributeValue	int

ProductMaster

PK	ProductId	Int
	ProductName	varchar(500)
	ProductEnglishName	varchar(500)
FK	TypeId	int
	ProductBasePrice	float
	ProductSPCost	float
	ProductOfferPrice	float
	ProductOffPriceExpiryDate	datetime
	ProductDescriptionShort	varchar(100)
	ProductDescriptionLong	BigText
	ProductISBN	varchr(100)
	ProductAuthor	varchar(200)
FK	LanguageId	int
FK	GenreId	int
	IsRentable	Bool
	IsLibrary	Bool
	RentPerDay	float
	MinRentDays	int

MyShelfTable

PK	ShelfId	int
FK	CustomerId	int
FK	ProductId	int
	TranType	varchar(20)
	ProductExpiryDate	datetime
	IsActive	bool

AttributeMaster

PK	AttributeId	int
	AttributeDesc	varchar(max)

RoyaltyCalculation

PK	RoyCalId	int
FK	InvoiceId	int
FK	BenId	int
	RoyCalTranDate	datetime
Fk	ProdId	int
	Qty	int
	TranType	varchar
	SalePrice	decimal
	BasePrice	decimal
	RoyaltyOnBasePrice	decimal

InvoiceDetail

PK	InvDtlId	int
FK	InvoiceId	int
FK	ProductId	int
	Quantity	int
	BasePrice	decimal
	TranType	varchar
	RentNoOfDays	int

CustomerMasterTable

PK	CustomerId	int
FK	ShelfId	int

BeneficiaryMaster

PK	BenId	int
	BenName	varchar(500)
	BenEmailId	varchar(500)
	BenContactNo	long
	BenBankName	varchar(500)
	BenBankBranch	varchar(500)
	BenIFSC	varchar(500)
	BenAccNo	long
	BenAccType	varchar(500)
	BenPAN	varchar(500)

Invoice

PK	InvoiceId	int
	InvoiceDate	datetime
FK	CustomerId	int
	InvoiceAmount	int

ProductBeneficiary

PK	ProdBenId	int
FK	BenId	int
FK	ProductId	int
	ProdBenPercentage	decimal