

Country					
PK	countryId	SMALLINT	NOT NULL	AUTO INCREMENT	
	countryCode	VARCHAR(16)	NOT NULL		UNIQUE
	countryName	VARCHAR(128)	NOT NULL		UNIQUE
	countryMobileCode	VARCHAR(4)	NOT NULL		UNIQUE
	countryCurrency	VARCHAR(16)	NOT NULL		

State					
PK	stateId	SMALLINT	NOT NULL	AUTO INCREMENT	
	stateName	VARCHAR(128)	NOT NULL		UNIQUE1
FK	countryCodeId				UNIQUE1

District					
PK	districtId	INT	NOT NULL	AUTO INCREMENT	
	districtName	VARCHAR(128)	NOT NULL		UNIQUE1
FK	stateId				UNIQUE1

SubDistrict					
PK	subdistrictId	INT	NOT NULL	AUTO INCREMENT	
	subdistrictName	VARCHAR(128)	NOT NULL		UNIQUE1
FK	districtId				UNIQUE1

Village					
PK	villageId	BIGINT	NOT NULL	AUTO INCREMENT	
	villageName	VARCHAR(128)	NOT NULL		UNIQUE1
FK	subdistrictId				UNIQUE1
	villageDescription	JSON			
	pincode	VARCHAR(128)	NOT NULL		UNIQUE

Payment					
PK	paymentId	BIGINT	NOT NULL	AUTO INCREMENT	
FK	orderId				
	paymentMethod	ENUM(credit,debitcards,net banking,upi apps,emi,cash on delivery(cod))	NOT NULL		
	cardNumber	VARCHAR(128)	NOT NULL		
	cardHolderName	VARCHAR(128)	NOT NULL		
	cardExpiration	DATE	NOT NULL		
	cardCVV	VARCHAR(3)	NOT NULL		
	cardStatus	ENUM(save)	NOT NULL		
	bankName	VARCHAR(128)	NOT NULL		
	upId	VARCHAR(128)	NOT NULL		
	totalAmount	DECIMAL(10,2)	NOT NULL		
	transactionId	VARCHAR(128)	NOT NULL		UNIQUE

OrderDetails					
PK	orderId	BIGINT	NOT NULL	AUTO INCREMENT	
FK	userId				
	totalPrice	DECIMAL(10,2)	NOT NULL		
FK	productId				
FK	addressId				
	paymentDetails	VARCHAR(128)	NOT NULL		
	orderStatusName	ENUM(Pending, Processing, Shipping, Delivered)			
	orderStatusDescription	JSON			
	orderTrackingNumber	BIGINT	NOT NULL		UNIQUE
	orderDateCreated	DATETIME	NOT NULL		
	orderLastUpdatede	DATETIME	NOT NULL		
	orderShippingDate	DATETIME	NOT NULL		
	orderDeliveredDate	DATETIME	NOT NULL		

Shop					
PK	shopId	BIGINT	NOT NULL	AUTO INCREMENT	
	shopName	VARCHAR(128)	NOT NULL		UNIQUE1
	shopDescription	JSON	NOT NULL		
	shopAddress	VARCHAR(1024)	NOT NULL		
	shopContactInformation	JSON	NOT NULL		
	userId				
FK	villageId				UNIQUE1

Multimedia					
PK	multimediaId	BIGINT	NOT NULL	AUTO INCREMENT	
	multimediaType	ENUM(Audio, Image, Video, Document)	NOT NULL		
	multimediaUrl	VARCHAR(1024)	NOT NULL		
FK	productId				
FK	shopId				
FK	villageId				

User					
PK	userId	BIGINT	NOT NULL	AUTO INCREMENT	
	name	VARCHAR(128)	NOT NULL		
	password	VARCHAR(256)	NOT NULL		
	email	VARCHAR(128)	NOT NULL		UNIQUE
	profilePictureUrl	VARCHAR(1024)	NULL		
FK	addressId				
FK	countryId				UNIQUE1
	phoneNumber	BIGINT	NOT NULL		UNIQUE1
	role	ENUM(Admin, Village Head, Seller, User)			

Address					
PK	addressId	BIGINT	NOT NULL	AUTO INCREMENT	
	addressLine1	VARCHAR(1024)	NOT NULL		
	addressLine2	VARCHAR(1024)	NOT NULL		
	addressType	ENUM(User ,Billing ,Shipping)			
	isPreferred	BOOLEAN			
FK	villageId				

CartItem					
PK	cartItemId	BIGINT	NOT NULL	AUTO INCREMENT	
FK	userId				
	quantity	SMALLINT	NOT NULL		
FK	productId				
	cartStatus	ENUM(IsSaved,Ordered)			
	cartId				

Cart					
PK	cartId	BIGINT	NOT NULL	AUTO INCREMENT	
FK	userId				

Category					
PK	categoryId	BIGINT	NOT NULL	AUTO INCREMENT	
	categoryName	VARCHAR(128)	NOT NULL		UNIQUE1
FK	parentCategoryId				UNIQUE1

Product					
PK	productId	BIGINT	NOT NULL	AUTO INCREMENT	
	productName	VARCHAR(128)	NOT NULL		UNIQUE
	productDescription	JSON	NOT NULL		
	productQuantityInStock	INT	NOT NULL		
FK	categoryId				
FK	shopId				

ProductAttribute					
PK	productAttributeId	BIGINT	NOT NULL	AUTO INCREMENT	
	productAttributeName	VARCHAR(128)	NOT NULL		UNIQUE
	productPrice				
FK	unitId				
FK	discountId				
FK	countryId				
FK	productId				

Discount					
PK	discountId	BIGINT	NOT NULL	AUTO INCREMENT	
	discountPercentage	DECIMAL(10,2)			
	discountName	VARCHAR(32)			
	discountDescription	JSON			

Unit					
PK	unitId	BIGINT	NOT NULL	AUTO INCREMENT	
	unitName	VARCHAR(16)			