

■ Database Schema Overview

(Presented for Team Review)

■ ApplicationUser

Column	Type	Notes
Id	string (PK)	IdentityUser PK
UserName	string	Identity
Email	string	Identity
FullName	nvarchar(150)	Required
Address	nvarchar(300)	Nullable
DateOfBirth	date	Nullable
TotalSpent	decimal(18,2)	Default 0
IsPremiumCustomer	bit	Default false
LoyaltyPoints	int	Default 0
IsDeleted	bit	Default false
DeletedAt	datetime	Nullable
DeletedById	string (FK → ApplicationUser.Id)	Nullable
CreatedAt	datetime	Default UtcNow

■ AuditLog

Column	Type	Notes
AuditLogId	bigint (PK)	Identity
EntityName	nvarchar(100)	Required
EntityKey	nvarchar(100)	Required
Action	nvarchar(20)	Required
OldValues	nvarchar(max)	Nullable
NewValues	nvarchar(max)	Nullable
PerformedById	string (FK → ApplicationUser.Id)	Nullable
PerformedAt	datetime	Default UtcNow

■ SystemSetting

Column	Type	Notes
Key	nvarchar(100) (PK)	Primary Key
Value	nvarchar(4000)	Required

■ Cart

Column	Type	Notes
CartId	int (PK)	Identity
CustomerId	string (FK → ApplicationUser.Id)	Required
Status	int	Enum: 0=Active,1=Converted,2=Abandoned
CreatedAt	datetime	Default UtcNow