■ Database Schema Presentation

1. User & Config

Table	Columns (Name : Type)	Keys/Relations
AspNetUsers	Id: string (PK), UserName, Email, FullName, PasswordHash, AccountStatusId (FK), CreatedOn	PK: Id, FK: StatusId → StatusMaster
StatusMaster	StatusId: int (PK), StatusName: nvarchar(50)	PK: StatusId

2. Product Catalog

Table	Columns (Name : Type)	Keys/Relations
Product	ProductId: int (PK), Name, Description, Price, Stock, CategoryId (FK), CreatedOn	PK: ProductId, FK: CategoryId → Category
Category	CategoryId: int (PK), CategoryName, Description	PK: CategoryId

3. Cart

Table	Columns (Name : Type)	Keys/Relations
Cart	CartId: int (PK), UserId (FK), CreatedOn	PK: CartId, FK: UserId → AspNetUsers.Id
CartItem	CartItemId: int (PK), CartId (FK), ProductId (FK), Quantity	PK: CartItemId, FK: CartId → Cart.CartId

4. Order Management

Table	Columns (Name : Type)	Keys/Relations
Order	OrderId: int (PK), UserId (FK), TotalAmount, StatusId (FK), CreatedOn	PK: OrderId, FK: UserId → AspNetUsers.
OrderItem	OrderItemId: int (PK), OrderId (FK), ProductId (FK), Quantity, Price	PK: OrderItemId, FK: OrderId → Order.O

5. Returns & Loyalty

Table	Columns (Name : Type)	Keys/Relations
Return	ReturnId: int (PK), OrderItemId (FK), Reason, StatusId (FK), CreatedOn	PK: ReturnId, FK: OrderItemId → OrderIte
LoyaltyPoints	PointsId: int (PK), UserId (FK), PointsBalance	PK: PointsId, FK: UserId → AspNetUsers

Acknowledgement

We hereby acknowledge that the details in this database schema are correct to the best of our knowledge, and this document is prepared for academic/project presentation purposes.