+--------------------------+

| E-commerce DB |

+--------------------------+

| +------------------+ |

| | Products | |

| +------------------+ |

| | - ProductID (PK) | |

| | - Name | |

| | - Price | |

| | - StockQuantity | |

| | - CategoryID (FK)|---|---------------------+

| +------------------+ | |

| | |

| +------------------+ | |

| | Categories | | |

| +------------------+ | |

| | - CategoryID (PK)|---|---------------------|

| | - CategoryName | | |

| +------------------+ | |

| | |

| +------------------+ | |

| | Customers | | |

| +------------------+ | |

| | - CustomerID (PK)| | |

| | - Name | | |

| | - Email | | |

| +------------------+ | |

| | |

| +------------------+ | |

| | Orders | | |

| +------------------+ | |

| | - OrderID (PK) |---|---------------------|

| | - CustomerID (FK)| | |

| | - OrderDate | | |

| +------------------+ | |

| | |

| +------------------+ | |

| | OrderDetails | | |

| +------------------+ | |

| | - DetailID (PK) | | |

| | - OrderID (FK) |---|---------------------|

| | - ProductID (FK) | | |

| | - Quantity | | |

| +------------------+ | |

| | |

| +------------------+ | |

| | Reviews | | |

| +------------------+ | |

| | - ReviewID (PK) | | |

| | - ProductID (FK) |---|---------------------|

| | - CustomerID (FK)| | |

| | - Rating | | |

| | - Comment | | |

| +------------------+ | |

| | |

| +------------------+ | |

| | Shipping | | |

| +------------------+ | |

| | - ShippingID (PK)| | |

| | - OrderID (FK) |---|---------------------|

| | - ShipDate | | |

| | - DeliveryDate | | |

| +------------------+ | |

| | |

| +------------------+ | |

| | Discounts | | |

| +------------------+ | |

| | - DiscountID (PK)| | |

| | - ProductID (FK) |---|---------------------|

| | - DiscountAmount | | |

| +------------------+ | |

+--------------------------+ |

| |

+------------------+ |

| Coupons | |

+------------------+ |

| - CouponID (PK) | |

| - DiscountAmount | |

+------------------+ |