Группа: Радомир - Юлия

User Service

Users

- UserId INT(Primary Key)
- Name VARCHAR
- Email VARCHAR
- PasswordHash VARCHAR
- Role ENUM (CLIENT, ADMINISTRATOR)
- CreatedAt TIMESTAMP
- UpdatedAt TIMESTAMP

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ContactInformation

- AddressId INT(Primary Key)
- UserId INT(Foreign Key)
- Street VARCHAR
- City VARCHAR
- State VARCHAR
- ZipCode INT
- Country VARCHAR
- PhoneNumber VARCHAR

Cart Service

Carts

- CartId INT (Primary Key)
- UserId INT (Foreign Key)

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CartItems

- CartItemId INT (Primary Key)
- CartId INT (Foreign Key)
- ProductId INT (Foreign Key)
- Quantity INT

Favorites Service

Favorites

- FavoriteId INT (Primary Key)
- UserId INT (Foreign Key)
- ProductId INT (Foreign Key)

Группа: Сергей - Даниил

Product Service

Categories

- CategoryId INT (Primary Key)
- Name VARCHAR
- Description VARCHAR

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ProductCategorie

- ProductId INT (Foreign Key)
- CategoryId INT (Foreign Key)

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Products

- ProductId INT (Primary Key)
- Name VARCHAR
- Description VARCHAR
- Price DECIMAL
- ImageURL VARCHAR
- Quantity INT
- DiscountPrice DECIMAL
- CreatedAt TIMESTAMP
- UpdatedAtTIMESTAMP

Order Service

Orders

- OrderId INT (Primary Key)
- UserId INT (Foreign Key)
- CreatedAt TIMESTAMP
- Status ENUM
- UpdatedAt TIMESTAMP

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OrderItems

- OrderItemId INT (Primary Key)
- OrderId INT (Foreign Key)
- ProductId INT (Foreign Key)
- Quantity INT
- PriceAtPurchase DECIMAL

Inventory Service

Inventory

- InventoryId INT (Primary Key)
- ProductId INT (Foreign Key)
- Quantity INT
- WarehouseLocation VARCHAR

Payment Service

Блок, который пишет другая группа

Shipping Service

Shipments

- ShipmentId INT (Primary Key)
- OrderId INT ((Foreign Key)
- UserId INT ((Foreign Key)
- AddressId INT ((Foreign Key)
- ShippingMethod VARCHAR
- Status VARCHAR
- ShippedDate TIMESTAMP
- DeliveredDateTIMESTAMP

Дополнительные сервисы

Notification Service

Notifications

- NotificationId INT (Primary Key)
- UserId INT (Foreign Key)
- Message VARCHAR
- CreatedAt TIMESTAMP
- Read BOOLEAN

Review Service

Reviews

- ReviewId INT (Primary Key)
- ProductId INT (Foreign Key)
- UserId INT (Foreign Key)
- Rating INT
- Comment VARCHAR
- CreatedAt TIMESTAMP