Furniture E-Commerce Site

**1. Users**

Stores information about users, including customers and potentially admins or store managers.

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| **Field** | **Type** | **Description** |
| user\_id | INT (PK) | Unique identifier for each user. |
| username | VARCHAR(50) | Username for the user. |
| password | VARCHAR(255) | Password (stored securely). |
| email | VARCHAR(100) | User's email address. |
| phone | VARCHAR(15) | User's phone number. |
| address | TEXT | User's shipping/billing address. |
| is\_admin | BOOLEAN | Defines if the user is an admin. |
| created\_at | TIMESTAMP | Date when user registered. |

**2. Products**

Contains information about each product.

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| **Field** | **Type** | **Description** |
| product\_id | INT (PK) | Unique identifier for each product. |
| name | VARCHAR(100) | Product name. |
| description | TEXT | Product description. |
| price | DECIMAL(10, 2) | Product price. |
| stock\_quantity | INT | Quantity of product available in stock. |
| category\_id | INT (FK) | References Categories table. |
| created\_at | TIMESTAMP | Date when product was added. |
| updated\_at | TIMESTAMP | Date when product information was updated. |

**3. Categories**

Stores categories for organizing products (e.g., tables, chairs, sofas).

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| **Field** | **Type** | **Description** |
| category\_id | INT (PK) | Unique identifier for each category. |
| name | VARCHAR(100) | Category name. |
| description | TEXT | Category description. |

**4. Product\_Images**

Stores images for products.

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| **Field** | **Type** | **Description** |
| image\_id | INT (PK) | Unique identifier for each image. |
| product\_id | INT (FK) | References Products table. |
| image\_url | VARCHAR(255) | URL of the product image. |
| is\_primary | BOOLEAN | Indicates if it's the primary image. |

**5. Orders**

Holds information about customer orders.

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| **Field** | **Type** | **Description** |
| order\_id | INT (PK) | Unique identifier for each order. |
| user\_id | INT (FK) | References Users table. |
| total\_price | DECIMAL(10, 2) | Total price of the order. |
| status | ENUM('Pending', 'Shipped', 'Delivered', 'Canceled') | Order status. |
| created\_at | TIMESTAMP | Date when order was placed. |
| updated\_at | TIMESTAMP | Date when order was last updated. |

**6. Order\_Items**

Stores details of each item in an order.

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| **Field** | **Type** | **Description** |
| order\_item\_id | INT (PK) | Unique identifier for each order item. |
| order\_id | INT (FK) | References Orders table. |
| product\_id | INT (FK) | References Products table. |
| quantity | INT | Quantity of product ordered. |
| price | DECIMAL(10, 2) | Price of the product at order time. |

**7. Cart**

Holds items currently in a user's cart.

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| **Field** | **Type** | **Description** |
| cart\_id | INT (PK) | Unique identifier for each cart item. |
| user\_id | INT (FK) | References Users table. |
| product\_id | INT (FK) | References Products table. |
| quantity | INT | Quantity of product in the cart. |
| added\_at | TIMESTAMP | Date when item was added to the cart. |

**8. Payments**

Stores payment information for orders.

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| **Field** | **Type** | **Description** |
| payment\_id | INT (PK) | Unique identifier for each payment. |
| order\_id | INT (FK) | References Orders table. |
| amount | DECIMAL(10, 2) | Amount paid. |
| payment\_method | ENUM('Credit Card', 'PayPal', 'Bank Transfer') | Payment method used. |
| payment\_date | TIMESTAMP | Date when payment was made. |
| status | ENUM('Pending', 'Completed', 'Failed') | Payment status. |

**9. Reviews**

Stores product reviews from users.

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| **Field** | **Type** | **Description** |
| review\_id | INT (PK) | Unique identifier for each review. |
| user\_id | INT (FK) | References Users table. |
| product\_id | INT (FK) | References Products table. |
| rating | INT | Rating given by the user (1-5). |
| comment | TEXT | Review comment. |
| created\_at | TIMESTAMP | Date when review was posted. |

**10. Shipping**

Stores shipping details for each order.

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| **Field** | **Type** | **Description** |
| shipping\_id | INT (PK) | Unique identifier for each shipping entry. |
| order\_id | INT (FK) | References Orders table. |
| address | TEXT | Shipping address for the order. |
| shipping\_method | ENUM('Standard', 'Express') | Shipping method chosen. |
| shipping\_cost | DECIMAL(10, 2) | Cost of shipping. |
| shipped\_at | TIMESTAMP | Date when order was shipped. |
| delivery\_date | TIMESTAMP | Estimated delivery date. |

**11. Wishlist**

Stores products that users have added to their wishlists.

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| **Field** | **Type** | **Description** |
| wishlist\_id | INT (PK) | Unique identifier for each wishlist item. |
| user\_id | INT (FK) | References Users table. |
| product\_id | INT (FK) | References Products table. |
| added\_at | TIMESTAMP | Date when item was added to the wishlist. |