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| --- | --- | --- | --- | --- | --- | --- |
| Entity | Attribute | Description | Data Type | Length | Format | Allowed Values |
| User | UserID | Unique identifier for the user | Integer | 10 | N/A | Auto increment |
| User | Username | Username of the user | String | 50 | N/A | Alphanumeric characters |
| User | Password | Password of the user | String | 50 | N/A | Encrypted |
| User | Role | Role of the user in the system | String | 20 | N/A | Guest, Member, Baker, Transporter, Administrator |
| Product | ProductID | Unique identifier for the product | Integer | 10 | N/A | Auto increment |
| Product | Name | Name of the product | String | 100 | N/A | Alphanumeric characters |
| Product | Price | Price of the product | Decimal | 10,2 | N/A | Positive decimal |
| Order | OrderID | Unique identifier for the order | Integer | 10 | N/A | Auto increment |
| Order | OrderDate | Date of the order | Datetime | N/A | YYYY-MM-DD | N/A |
| OrderItem | OrderItemID | Unique identifier for the order item | Integer | 10 | N/A | Auto increment |
| OrderItem | Quantity | Quantity of the product ordered | Integer | 5 | N/A | Positive integer |
| Feedback | FeedbackID | Unique identifier for the feedback | Integer | 10 | N/A | Auto increment |
| Feedback | Rating | Rating given by the user | Integer | 1 | N/A | 1-5 |
| Transaction | TransactionID | Unique identifier for the transaction | Integer | 10 | N/A | Auto increment |
| Transaction | PaymentMethod | Method of payment | String | 50 | N/A | Cash, Credit card, Gift |