Preliminary Database Schema - Entity-Relationship Diagram (ERD)

User

User ID	INT
Username	VARCHAR
Email	VARCHAR
Password	VARCHAR
RoleID	INT

Role

RoleID	INT
Rolename	VARCHAR

Restaurant

RestaurantID	INT
RestaurantName	VARCHAR
Location	VARCHAR
ContactInfo	VARCHAR
MenuID	INT

Order

OrderID	INT
UserID	INT
RestaurantID	INT
OrderDate	DATE
Status	VARCHAR

Menu

MenuID	INT
MenuItemID	INT
ItemName	VARCHAR
Description	VARCHAR
Price	DECIMAL

OrderItem

OrderItemID	INT
OrderIID	INT
MenuItemID	INT
Quantity	INT