Order has a one-to-many relationship with OrderItem, meaning each order can consist of multiple items. Customer holds a one-to-many relationship with Order, where a single customer can place multiple orders.

RestockItem is associated with Inventory in a one-to-one relationship, tracking specific stock levels. The Supplier entity links to multiple Ingredients through a one-to-many relationship, indicating a supplier can provide multiple ingredients. Additionally, each Staff member can be linked to multiple RestockItem entries, highlighting their role in managing stock.

Other entities, like Payment, maintain a one-to-one relationship with Order, so each payment corresponds to a single order. CustomerReview and LoyaltyProgram maintain many-to-one relations with Customer, demonstrating flexible and dynamic interactions. This diagram creates a robust system for efficient restaurant operations.