Stored Procedure Ideas for the Database Model

1. AddNewCustomer - Adds a new customer to the customers table.

2. UpdateCustomerDetails - Updates a customer's contact or address info.

3. GetCustomerOrders - Returns all orders for a customer with order details.

4. DeleteCustomer - Deletes a customer if there are no pending orders/payments.

5. CreateOrder - Inserts into orders and orderdetails with full order info.

6. UpdateOrderStatus - Updates the status and shippedDate of an order.

7. GetOrderInvoice - Returns invoice by joining orders, orderdetails, products, and customers.

8. CheckProductAvailability - Returns current stock for a product.

9. UpdateProductStock - Updates stock after a shipment.

10. AddNewProduct - Adds a product to the products table.

11. RecordPayment - Inserts payment record for a customer.

12. GetCustomerBalance - Calculates total orders minus payments for balance.

13. AssignSalesRepToCustomer - Updates the sales representative for a customer.

14. GetEmployeeDetails - Returns employee's details and associated customers.

15. GetTopSellingProducts - Calculates most ordered products by quantity/revenue.

16. GetMonthlySalesReport - Aggregates monthly sales data.

17. GetOfficePerformance - Summarizes performance by combining office, employee, and order info.