Title:

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* 7/4/21 - Edited and added some functional requirements to flesh out the product
* 2/4/21 - Reviewed initial functional requirements with Ed.
* 31/3/21 - Functional requirements brainstorm.

Functional Requirements

**POS: (Point of sale system) 1**

1. Add menu items/products ✅
2. Update menu items and their prices ✅
3. Search by active orders (not-complete) ✅
4. Search orders by time ordered ✅
5. Search orders by time expected ✅
6. Search orders by retail price. ✅
7. Search orders by production cost. ✅
8. Search orders by address (delivery) ✅
9. Search products by available quantity. ✅
10. Store customer’s information for later use. ✅
11. Search orders by customer frequency ✅
12. Search orders by customer name ✅
13. Get a subtotal for an order ✅
14. Compare most valuable customers' orders and eating times. ✅
15. Sort foods by different types of dietary restrictions. ✅

**SINGLE ANALYSIS: 2**

1. Search net costs/revenue; see a form of a ledger. ✅
2. See opening costs (anything that is not a recurring cost; franchise fees, kitchen equipment, etc.) ✅
3. Search employee roster ✅
4. Sort employees by cost. ✅
5. Search products by profitability. ✅
6. See revenue/customer flow over periods. 1 month, 1 year. ✅
7. See hours open/ total hours worked by employees ✅
8. Compare different orders’ costs and profit. ✅

**MACRO ANALYSIS: 3**

(Group and avg restaurants with similar locations and genres)

1. Search by theme of restaurant
2. Compare similar themes SINGLE ANALYSIS
3. Compare similar themes’ opening costs
4. Search by location of restaurant
5. Compare restaurants in similar locations
6. Search by restaurants that offer delivery
7. Search by hours open/ total hours worked by employees
8. Compare chains, franchises, and independent restaurants