Software Requirement Specification (SRS)

Project: Grocery Store Manager (GSM)

Version: 1.0

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Formal Review of Grocery Store Manager SRS version 1.0

Roles:

Reviewer/Scribe	Viktor Mekis Bach

- **Introduction, Scope & System Overview:** The GSM is described as a "web application" and a "web-based management tool." It is stated that "Customers can submit orders via the 'New Order' interface."
  - This is a critical ambiguity. Is the GSM a back-office tool solely for the Store Owner, or is it a public-facing e-commerce website? The architecture and security model depend entirely on this distinction. The SRS must clarify the system's boundaries and how a customer accesses the "New Order" functionality.

- **FR-2: Display Order Details:** The term "Order content (summary or quantity/variety)" is vague.
  - What constitutes a useful "summary"? (e.g., "3 items", "Milk, Bread, Eggs", "Total: $12.50")?
  - Does "variety" mean the count of unique product types, or a list of them?
  - Impact: The UI/UX designer and developer must guess what to display. Testers cannot define a pass/fail criterion.

- **FR-3: Highlight New Orders:** The logic for "new" is unspecified.

- - - o Is it based solely on timestamp (e.g., "orders from the last 24 hours")?
    - o Is it a stateful "unread" flag that changes when the owner views the list?
    - o Impact: The behavioural requirement is incomplete. Implementing timestamp-sorting is different from implementing a stateful "unread" system with persistent highlighting.

- FR-4: Create New Order: "The customer should be able to create a new order by clicking the 'New Order' button."
    - o This functional requirement is placed in the "Order Management Screen," which is described as "the home screen for the grocery store owner." This creates a contradiction. If this is the owner's screen, how does a customer access this button? This reinforces the major ambiguity identified in the Scope.

- FR-5 (View Products) vs. FR-6 (Add Product)
    - o Issue: The product entry form (FR-6) requires a description field. However, the product display table (FR-5) does not list it. Is the description intended only for back-end data storage and not for display in the main management view? If it is meant to be displayed, FR-5 is incomplete.
    - o Impact: Inconsistent user interface design and potential omission of a data field the user expects to see.

- Location: FR-9 (Weather Widget)
    - o Issue: The requirement to display "Location" is ambiguous.
    - o Is this the fixed location of the store (e.g., "Copenhagen")?
    - o Or is it the dynamic location of the user/owner (which adds complexity and privacy considerations)?
    - o Impact: Determines which specific API endpoint is called (weather by city name vs. by geographic coordinates) and the system's need to store or request location data.