

SHOPWORLD Functional Requirements Document

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Functional Requirements – What the System Shall Do

- The system shall track inventory levels in real-time across all departments.
- The system shall send automatic alerts when stock levels fall below a defined threshold.
- The system shall display dashboards showing fast-selling and slow-selling items.
- The system shall enable staff to scan products using barcodes to update records instantly.
- The system shall provide sales, store, and procurement teams with access to a unified, up-to-date inventory database.
- The system shall automatically generate reorder requests when stock levels reach the reorder point.

RELEVANTS OF FEATURES TO SHOPWORLD STAKEHOLDERS

Stakeholder: Store/Inventory Team

Business Need: Real-time inventory tracking to prevent stockouts and overstocking.

- **The system shall track inventory levels in real-time across all departments.**
This requirement addresses the need for real-time visibility of inventory levels, ensuring accurate stock management to avoid stockouts and overstocking.
- **The system shall allow staff to scan products using barcodes to update records instantly.**
This functionality supports efficient and accurate stock updates, eliminating errors and reducing time delays in the tracking process.

2. Stakeholder: Sales Team

Business Need: Enhance customer satisfaction and mitigate "out-of-stock" issues.

- **The system shall send automatic alerts when stock levels fall below a predefined threshold.**
This requirement ensures timely notifications to the sales team, enabling proactive action to prevent stockouts and maintain customer satisfaction.
- **The system shall display dashboards showing fast-selling and slow-selling items.**
By identifying product performance trends, this feature helps the sales team optimize inventory levels and align sales strategies with demand.

3. Stakeholder: Procurement Team

Business Need: Streamline the reordering process to prevent stockouts and improve inventory flow.

- **The system shall automatically generate reorder requests when stock levels are low.**
This automation reduces manual intervention and ensures timely reordering, maintaining continuous product availability and supporting operational efficiency.

4. Stakeholder: All Departments

Business Need: Ensure seamless collaboration with consistent, up-to-date inventory data.

- **The system shall allow the sales, store, and procurement teams to access the same real-time inventory data.**
By providing all departments with synchronized, up-to-date information, this requirement promotes collaboration and reduces the risk of errors or miscommunication.