🔧 **Work Progress Report**
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📝 **Introduction**

This report outlines the backend development work I completed today on the **Aby Invento** system, with a focus on implementing the **Stock-In Management** functionality. This module enables the system to accurately record and manage new stock being added to inventory.

✅ **Key Tasks Completed**

Backend – Stock-In Management

● Developed the API endpoint for stock-in operations to allow adding new inventory to the system.
● Implemented logic to associate incoming stock with specific products and suppliers.
● Added validation to ensure that quantities and product references are correct before stock-in records are saved.
● Ensured accurate updates of product stock levels upon successful stock-in.
● Structured response handling to confirm successful stock entries and flag errors.
● Prepared the backend to support future enhancements like batch stock-in and import via file upload.

📌 **What's Next**
● Add timestamping and user tracking for each stock-in entry.
● Implement history tracking for all stock-in transactions.
● Link stock-in records to purchase orders or delivery receipts for traceability.

📚 Summary

Today's work focused entirely on building and testing the **Stock-In Management** module in the Aby Invento backend. This foundational feature ensures the system can reliably track new inventory additions and maintain accurate stock levels.