📋 Daily Work Progress Report

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📝 Introduction

Today, Mihigo Prince worked on the Stock Request module in the Aby HR Management System. His main focus was developing the backend logic that allows users to request items from stock and enables admins to process those requests by approving, rejecting, or modifying them.

✅ Key Tasks Completed

1. 📦 **Stock Request Functionality**

   - **Built backend endpoints to handle creation of new stock requests by users.**

   - **Ensured proper validation to prevent invalid or duplicate requests.**

2. ⚙️ **Admin Request Processing**

- ○ **Developed APIs allowing admins to approve, reject, or modify stock requests.**

- ○ **Implemented clear status tracking for each request (e.g., pending, approved, rejected).**

- ○ **Ensured changes reflect immediately in the system for transparency and accountability.**

3. 🧩 **Integration and Data Consistency**

- ○ **Integrated stock request logic with the existing inventory and store management modules.**

- ○ **Added database relations to ensure stock quantities update correctly when a request is approved.**

4. 🛡️ **Backend Stability and Security**

- ○ **Strengthened request handling with proper authorization checks.**

- ○ **Improved database queries for smooth performance under multiple operations.**

📚 Summary

The updates to the Aby HR Management System bring a complete backend foundation for Stock Request Management, including:

- ● 📦 **User-side request creation with proper validation.**

- ● ⚙️ **Admin control for approving, rejecting, or modifying requests.**

- ● 🧩 **Reliable integration with inventory and store data for accurate tracking.**

These improvements make the stock request workflow efficient, secure, and well-connected within the system, providing a strong backend for frontend integration and future scaling.