**Current Process (Standard ERPNext)** and . the **Improved Process (Customized)** for **Rice Mill Management System.**

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| **Module** | **Process** | **System As-Is (Standard ERPNext Process)** | **System To-Be (Customized Process)** | **Gap Identified** |
| **Order Management** | Sales Order Processing | Sales orders are processed automatically in ERPNext with customer access to order status and updates. | The **owner** will log into the system, click on the sales orders, and review each order. Upon clicking, the system will show the details. The owner can approve or update orders, which will then be processed automatically. | The standard system allows customer access to order status, which is not required in your case. |
| **Production Planning** | Milling Process & Production | ERPNext supports production planning and tracks manufacturing orders. It calculates required materials based on BOM (Bill of Materials) and production schedules automatically. | The **owner** will click on the production plans and approve them. The system will display the current status, available stock, required materials, and production progress. Once approved, the system will automatically schedule and track the milling process. | ERPNext automatically generates production orders and schedules, which need to be customized for your rice mill's manual intervention. |
| **Inventory Management** | Stock Management & Byproducts | ERPNext automatically updates stock levels based on incoming goods, sales orders, and manufacturing outputs. It also tracks byproducts in the inventory module. | The **owner** will click on inventory records, update stock levels, and manage byproducts. The system will track inventory in real-time, showing material availability, and automatically update stock levels after production and sales. | The standard ERPNext system is fully automated but lacks customization for rice mill byproducts and specific stock management needs. |
| **Financial Management** | Cost & Financial Tracking | ERPNext has a complete financial tracking system that automates cost and financial calculations for inventory, sales, and expenses. | The **owner** will click on the financial reports to review costs, profits, and margins. The system will automatically track expenses related to production, sales, and byproducts. It will also generate financial statements such as P&L reports and balance sheets. | ERPNext offers financial automation but needs customization for the unique financial aspects of rice milling (e.g., specific costs like raw material wastage, milling costs, and byproducts). |
| **HRM/Employee Management** | Staff Management & Payroll | ERPNext manages HR tasks, including staff records, attendance, payroll, and employee performance reviews. | The **owner** will click on employee records to review attendance, approve or adjust payroll, and manage staff performance. The system will calculate payroll based on attendance and hours worked and automatically process payments. | ERPNext automates payroll and attendance but needs customization to meet the specific labor force and hourly wage structure of the rice mill. |
| **Notifications** | Alerts for Production & Sales | ERPNext sends basic alerts for sales orders, production orders, and inventory updates. | The **owner** will set up alerts for production delays, sales targets, and inventory thresholds. The system will automatically notify the owner when production milestones are reached, or when inventory needs replenishment. | ERPNext sends notifications but lacks customization for alerts specific to the rice milling process, such as production delays or inventory shortages. |