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

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| **Module** | **Current Process (Standard ERPNext)** | **Improved Process (Customized)** | **Gap Identified** | **How We Fixed It** |
| **Order Management** | Standard orders can be tracked and managed by any user with access to the system. Orders are not specific to rice products. | Rice-Specific Order Fields: Custom fields for rice type, quantity, price, and order status. Owner-Only Access: Only the owner can create, edit, or view orders. | Generic order management and no owner-specific access. | Custom order fields for rice types and quantities, with owner-only access for all order management tasks. |
| **Production Planning** | Standard production plans focus on overall production schedules without considering the specifics of a rice mill, such as raw material availability and mill capacity. | Customized Production Plans: Based on raw material availability and mill capacity. Real-Time Tracking: Production status updates and only the owner can view/modify plans. | Lack of specific planning for rice mills and no owner-specific control over production planning. | Implemented rice mill-specific planning with simplified production tracking and exclusive owner access for modifying production plans. |
| **Inventory Management** | Inventory management is generic and doesn’t distinguish between different materials such as rice types or raw materials. | Rice-Specific Stock Tracking: Tracks rice types and raw materials separately. Low Stock Alerts: Alerts when stock levels are low. Owner-Only Access to inventory. | Generic inventory tracking with no specific stock differentiation and open access for inventory. | Customized inventory to track rice types and raw materials, with low stock alerts. |
| **Financial Management** | Financial tracking is generic, covering sales, costs, and transactions without distinguishing rice mill-specific expenses like raw materials, wages, or production costs. | Rice Mill-Specific Financial Tracking: Tracks raw material costs, wages, production expenses, and other rice mill-related costs. Owner-Only Access to financial data. | Generic financial tracking and no distinction for rice mill-specific expenses or restricted access. | Customized financial module for specific rice mill costs (wages, raw materials, production).. |
| **HRM/Employee Management** | Standard HRM system is generic and may not accommodate specific roles like machine operators or packers. Payroll and attendance tracking are not specific to rice mill operations. | Role-Specific Tracking: Includes roles such as machine operators, packers, and supervisors, along with attendance and payroll management. Owner-Only Access for employee info. | Generic roles without rice mill-specific job tracking, and open access for employee data. | Created custom roles for mill workers, tracking attendance and payroll. |
| **Reporting** | Reporting is basic and doesn’t provide insights specific to rice mill operations such as production yield, raw material usage, or operational performance. | Custom Reports: Includes rice-specific production output, raw material usage, and profit margins. Owner-Only Access to detailed performance analytics. | Lack of rice mill-specific reports and no owner-specific access to reports. | Developed custom reports focused on rice mill operations and owner-only access to generate and view performance insights. |
| **Notifications** | Notifications are basic and generic, and may not cover rice mill-specific events like low stock of rice, production updates, or order status changes. | Custom Alerts: Notifications for low stock, order status changes, and production updates. Owner-Controlled Preferences for notification types and frequency. Owner-Only Notifications. | Generic notifications that don’t address specific rice mill needs and open access to notifications. | Introduced custom alerts for specific rice mill events, with owner-only access and preferences for personalized notifications. |