### Customized Workflow for My Rice Mill System in ERPNext

**Starting with Customization**

* First, we’ll install **ERPNext** on our server and set up our company details like fiscal year and basic workflows.
* We’ll customize forms and fields for our key modules like **Order Management, Inventory, Production Planning, and Financial Management** to fit our rice mill’s process.

**Order Management Workflow**

* We’ll create custom order forms for sales and purchase orders, with fields for rice type, quantity, and price.
* **Step 1**: We input a new order (either sales or purchase) and include all relevant details.
* **Step 2**: The system will track the order status (like pending, processed, or shipped).
* **Step 3**: We’ll also set up notifications, so we get alerts when an order is placed, processed, or completed.

**Production Planning Workflow**

* We’ll customize the **production schedule** based on the orders we receive and the stock we have.
* **Step 1**: The system will help us plan how much rice we can produce based on the machinery and workers available.
* **Step 2**: It will also calculate how much raw material (paddy) is needed for upcoming orders and send us alerts if we’re running low.
* **Step 3**: We’ll be able to track production progress in real-time to know how far along we are with each batch.

**Inventory Management Workflow**

* Here, we’ll manage all our stock, including rice and raw materials.
* **Step 1**: The system will display current stock levels and send alerts when stock is low.
* **Step 2**: We can track stock movement, like when new rice is produced or sold.
* **Step 3**: It’ll also calculate the value of our inventory based on market price and stock on hand.

**Financial Management Workflow**

We’ll manage our payments and expenses in this module.

* **Step 1**: We’ll track payments from customers and payments to suppliers.
* **Step 2**: All expenses, like maintenance and wages, will be recorded, and the system will calculate profit or loss.
* **Step 3**: We’ll generate custom invoices and receipts automatically.

**Reporting and Analytics Workflow**

This module will give us insights into the mill’s performance.

* **Step 1**: We can generate detailed sales reports showing what types of rice are selling the most.
* **Step 2**: We’ll get production reports showing how much rice is produced and how efficiently we’re using raw materials.
* **Step 3**: We’ll also generate financial reports showing profit and loss, cash flow, and expenses.

**HRM/Employee Management Workflow**

We’ll manage employee profiles, attendance, and payroll here.

* **Step 1**: The system will track employee attendance and automatically calculate salaries based on working hours and overtime.
* **Step 2**: We’ll also track employee performance and keep records for promotions.

**One-Way Notifications**

We’ll set up basic notifications for important updates, like:

* When an order is confirmed, we’ll receive an alert.
* When stock is low, the system will notify the inventory team.
* Payment reminders will be sent out automatically.

**Testing and Deployment**

* After customizing the system, we’ll test each module (Order Management, Inventory, Production) to make sure everything works.
* We’ll assign roles and permissions so each team member can only access what they need.
* Finally, we’ll deploy the system in phases, starting with **Order Management** and **Inventory** to get everyone on board smoothly.