**A. Customer Management**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| A1 | Customer Management |  | A1.1 | Create Customer | Owner can create customer records by adding details like name, address, and contact information. |
|  |  |  | A1.2 | View Customer | Owner can view existing customer records to access their details and transaction history. |
|  |  |  | A1.3 | Update Customer | Owner can update customer records if there are changes or additional information. |
|  |  |  | A1.4 | Delete Customer | Owner can delete unnecessary customer records. |
|  |  |  | A1.5 | Customer Account Balance Management | Owner can manage customers' account balances, including money owed and payments received. |

**B. Order Management**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| B1 | Order Management |  | B1.1 | Create Order | Owner can create new orders by selecting existing customers or creating new customer records and entering order details. |
|  |  |  | B1.2 | View Order | Owner and customers can view details of existing orders, including customer information, order items, and status. |
|  |  |  | B1.3 | Update Order | Owner can update existing orders by changing order items, quantities, or other details. |
|  |  |  | B1.4 | Delete Order | Owner can delete orders that are no longer needed. |
| B2 | Pending Orders Management |  | B2.1 | List Pending Orders | Owner and employees can view a list of pending orders that are waiting to be processed, including order ID, customer, and status. |
|  |  |  | B2.2 | Edit Pending Order | Owner can make changes to pending orders before they are processed. |
|  |  |  | B2.3 | Delete Pending Order | Owner can delete pending orders that are no longer needed. |
|  |  |  | **B2.4** | **Complete Pending Order** | **Owner can mark pending orders as complete once they are processed and fulfilled.** |

**C. Production Management**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| C1 | Production Order Management |  | C1.1 | Select Pending Orders for Production | Owner can select pending orders and create production orders based on priority and resources. |
|  |  |  | C1.2 | Check Material Availability | System checks if materials are available in inventory to meet production needs. |
|  |  |  | C1.3 | Generate Material Requirement List | If materials are insufficient, the system generates a list of materials needed for production. |
|  |  |  | C1.4 | Save Material Requirement List | Owner can save the material requirement list for further processing and procurement. |

**D. Inventory Management**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| D1 | Material Management |  | D1.1 | Check Material Availability | Owner or employees can check inventory levels to see if they can meet production orders. |
|  |  |  | D1.2 | Procure Raw Material | Owner can start the process to buy raw materials by selecting suppliers, materials, quantities, and costs. |
| D2 | Stock Management |  | D2.1 | Stock Tracking | System tracks the stock of rice and raw materials and sends alerts for low stock. |
|  |  |  | D2.2 | Stock Records | Keeps records of stock movements, both in and out, related to production, sales, and shipments. |
|  |  |  | D2.3 | Warehouse Tracking | Tracks levels in the warehouse and monitors inventory availability. |
|  |  |  | D2.4 | Wastage Tracking | Tracks wasted material and adjusts stock and costs accordingly. |

**E. Financial Management**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| E1 | Payment Records Management |  | E1.1 | Payment Records | Owner keeps records of payments related to customers and suppliers. |
|  |  |  | E1.2 | Expense Tracking | Keeps track of expenses like materials and wages. |
|  |  |  | E1.3 | Profit Calculation | Automatically calculates profit and loss and provides financial insights to the owner. |

**F. Reporting and Analytics**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| F1 | Sales Reports |  | F1.1 | Generate Sales Reports | The system provides a summary of sales and revenue, showing top-selling products. |
|  |  |  | F1.2 | Production Reports | Analyzes production efficiency and material usage and generates reports. |
|  |  |  | F1.3 | Inventory Reports | Shows current stock levels and stock movement history to help with inventory management. |
|  |  |  | F1.4 | Financial Reports | Displays profit, expenses, and the overall financial position. |

**G. Notifications**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| G1 | Order Notifications |  | G1.1 | Order Updates | Sends updates to customers and the owner when an order is placed, processed, or delivered. |
| G2 | Stock Alerts |  | G2.1 | Low Stock Alerts | Sends alerts to the owner when stock levels are low, prompting timely procurement. |
| G3 | Payment Notifications |  | G3.1 | Payment Alerts | Sends reminders and confirmations about payments to customers and the owner. |
| G4 | Production Notifications |  | G4.1 | Production Alerts | Sends updates when there are changes to the production schedule. |

**H. HR Management**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Basic Function** | **Breakdown** | **Id** | **Sub Functionality** | **Description** |
| H1 | Employee Management |  | H1.1 | Add Employee | Owner can create employee records by adding details like name, position, and contact information. |
|  |  |  | H1.2 | View Employee | Owner can view existing employee records to access their details and performance history. |
|  |  |  | H1.3 | Update Employee | Owner can update employee records if there are changes or additional information. |
|  |  |  | H1.4 | Delete Employee | Owner can delete unnecessary employee records. |
| H2 | Attendance Management |  | H2.1 | Track Attendance | Owner or HR can record the attendance of each employee. |
|  |  |  | H2.2 | View Attendance Report | Owner can view attendance reports to track employee presence and absenteeism. |

**Key Points:**

* **Owner**: Controls the entire system, manages all parts, and is the only one with access to log in.
* **Customers**: Customers can place orders and pay through invoices.
* **Modules**: The system is organized into parts, so it’s easy for the owner to manage each task.