



Inventory Management System

The Company

A fastest growing hybrid seeds company, based at Hyderabad. They are in the business of development, production, processing & marketing of own research hybrid seeds, mainly, in the field crops like Corn, Sunflower, Rice, Millets, Jowar & Cotton.

Challenges

1. Entire business process was offline and manual.
2. Inventory information was captured in physical form.
3. Stock position in inventory was not available to the concerned person/ department, impacting on time production forecasting and Sales plan.
4. Physical form inventory data management was not providing live and immediate information on current Stock position at different warehouses, impacting production and dispatch plan.
5. Updated Sales data was not available on time.
6. Seed production and sales is a seasonal business. Manual business process increases the business cycle count duration, impacting their business and revenue.
7. Manual business process and data store was attracting more operational and administrative cost.

Solution

Empover i-Tech Pvt. Ltd. (EIPL) developed a web based Inventory management application to maintain their inventory for all types of seeds in different warehouses. This handles the complete seed processing cycle.

Features

1. Masters to maintain warehouse, crop, seed variety, organizer, dealer, packing material, etc.
2. Parent Seed Issue, Unprocessed Seed receive, Seed Processing
3. Seed quality process, Seed Packing,
4. Item Dispatch, Delivery Challan, Invoice
5. Stock movement from once warehouse to other, Packing material inventory
6. GRN (Goods Receive Note)
7. Seed Inventory reports crop wise, Hybrid wise, Warehouse and pack wise

Tools and technologies used for implementation

Java, J2ee, Java Script, AJAX, CSS, Apache Tomcat, MY SQL

Result

- Centralized data access and management of inventory.
- All inward and outward details are maintained in the system which enables live update on stock position in all the warehouses.
- Providing better scope for planning Sales and Production.
- Effective Employee performance monitoring and improved the work culture
- It has reduced operational cost by minimizing all offline and physical form of data storage.
- Enabled regional managers and C&F agents to place dispatch advice for immediate action helping in saving time, better communication and data accuracy.

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