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| Enterprise Resource Planning (ERP) |
| Krishibid Feed Limited (KFL) |
| PREPARED BY: KG IT Division |

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# **Objective**

ERP (Enterprise Resource Planning) is a suite of integrated business software applications (often called modules) that allow companies to track and manage data and even automate some business functions, including inventory management. Here easy to setup, very easy to browse through master data, quickly find any information, easy and intuitive interface, change the system as per requirement, grid reporting with customizable report writer and above all integrated with ERP of Kreishibid Group.

# ****Krishibid Feed Limited (KFL)****

The Krishibid Feed Limited (Krishibid Feed) An automatic feed mill has been set up to manufacture poultry, cattle and fish feeds of different types. It markets high quality feeds. The mill has a capacity of manufacturing 9 ton floating and sinking feeds per hour. It is located at Nishinda Bazar of Bhaluka, Mymensingh on Dhaka-Mymensingh High Way. The mill is producing both floating and sinking feeds for fish and shrimps. It production poultry feed of all kinds. Besides, it will produce quality cattle feeds. All environmental protection is ensured within and around the mill area. Krishibid Feed Mill is equipped with all modern processing and production machineries and hence guarantees supply of quality products to its customers. Krishibid Feed Limited (KFL) is a member of Feed Industry Association of Bangladesh (FIAB). Planning is going on to enhances the production capacity of the mill in the near future.

# ****Inventory and material management****

Inventory, Transportation, Warehousing, Packaging and Distribution Management system play vital role to achieved company’s goal in efficiently and successfully.

It aims to provide users foundational and advanced knowledge on how to tackle, resolve, and manage myriad complex problems and issues that confront of Inventory, Warehousing, Transportation and Distribution Management.

Supply the products and services to the right places in right time and satisfy the customer 

**Inventory** is the collection of unsold products waiting to be sold. Inventory is listed as a current [asset](https://investinganswers.com/node/2278) on a company's balance sheet. Inventory is commonly thought of as the finished goods a company accumulates before selling them to end users. But inventory can also describe the [raw materials](https://investinganswers.com/node/6329) used to produce the finished goods, goods as they go through the production process (referred to as "work-in-progress" or WIP), or goods that are "in transit."

## Objective of Inventory and material management:

There are generally five reasons companies maintain inventories:

* To meet an anticipated increase in demand;
* To protect against unanticipated increases in demand;
* To take advantage of price breaks for ordering raw materials in bulk;
* To prevent the idling of a whole factory if one part of the process breaks down; and,
* To keep a steady stream of material flowing to retailers rather than making a single shipment of goods to retailers.

## Inventory stages:

Inventory in manufacturing companies generally cycles through four distinct stages:

(1) raw materials,

(2) works-in-process,

(3) finished goods, and

(4) maintenance, repair, and operations (MRO) goods.

## Inventory types:

1. **Raw materials** are any items used to manufacture components or finished products. These can be items produced directly by your business or purchased from a supplier. For example, a candle-making business could purchase raw materials such as wax, wicks, and decorative ribbons.
2. **Works-in-progress inventory** refers to unfinished items moving through production but not yet ready for sale. In the case of a candle-making business, work-in-progress inventory might be candles that are drying and unpackaged.
3. **Finished goods** are products that have completed the production process and are ready to be sold: the candles themselves.
4. **Maintenance, repair, and operations (MRO) goods** are items used to support and facilitate the production of finished goods. These items are usually consumed as a result of the production process but aren’t a direct part of the finished product. For instance, disposable molds used to manufacture candles would be considered MRO inventory.

# **Conclusion**

Necessary attribute detail has been given based on the requirements and understanding from the user end. But IT Team must analyze and improvise if there needed more attributes and condition to manage the KFL more efficiently in KG.