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The production module defines basics for production management: Bill of material and production order.
BILL OF MATERIAL

Bills of Material are list of products and quantities needed to produce a product. It is often shorten with BOM.
A Production is mainly defined by a product, a BOM, a location, a quantity and two lists of moves:

- **Inputs**
  The moves between the production picking location, or the storage location if product picking location is empty, and the production location (as defined on the warehouse) for products used for production.

- **Outputs**
  The moves between the production location and the production output location, or the storage location if production output is empty, for produced products.

The production can be in one of this states:

- **Request**
  The production is requested by the system.

- **Draft**
  Input and output moves are in draft.

- **Waiting**
  The production is waiting for action and all moves are still in draft.

- **Assigned**
  The input moves are assigned.

- **Running**
  The input moves are in state done.

- **Done**
  The output moves are in state done.

- **Cancelled**
  All moves are cancelled.

The cost of the production is computed with the sum of the cost price of all incoming products. This cost is allocated to the output products based on the list price of each (the product without a list price are considered as waste).

A cron task runs every day and updates the cost of productions if the cost price of the incoming products has changed.
2.1 Rescheduling Production

It is possible to setup a cron task to reschedule the productions that are planned to start in the past. By default they are rescheduled to today.