

Here's a step-by-step description of the process using everyday language:

1. **Start:** The process begins when you "Receive order".
2. **Separately**, two parallel paths begin:
  - *Path 1 (Invoice)*: "Generate Invoice" happens immediately.
  - *Path 2 (Order Processing)*: Decide whether to "Process customized order" **or** "Process standard order" (only one of these happens).
3. **After order processing** (Path 2 continues):
  - Two tasks occur **at the same time**:
    - "Manufacture product"
    - "Assemble accessories"
  - Both must finish before moving forward.
4. **When manufacturing and assembling are done**:
  - Choose either "Customer pickup" **or** "Prepare shipment" (only one happens).
5. **Meanwhile, with the invoice** (Path 1 continues):
  - You have two options:
    - *Option A*: Do "Auto-deduction of payment" (handles everything at once)
    - *Option B*: Do two tasks **at the same time**:
      - "Mail Invoice"
      - "Add Invoice to system"
6. **After invoice handling**:
  - "Finalize payment" happens automatically once all payment steps are complete.
7. **Finally**:
  - When **both** payment is finalized **and** pickup/shipment is done:
  - "Finalize order" completes the process.

**Key relationships:**

- Manufacturing and assembling happen together (simultaneous)
- Customized vs standard orders are exclusive (either/or)
- Payment method (auto-deduction vs manual steps) is an exclusive choice
- Pickup vs shipment is an exclusive choice
- Payment tasks and product preparation happen in parallel