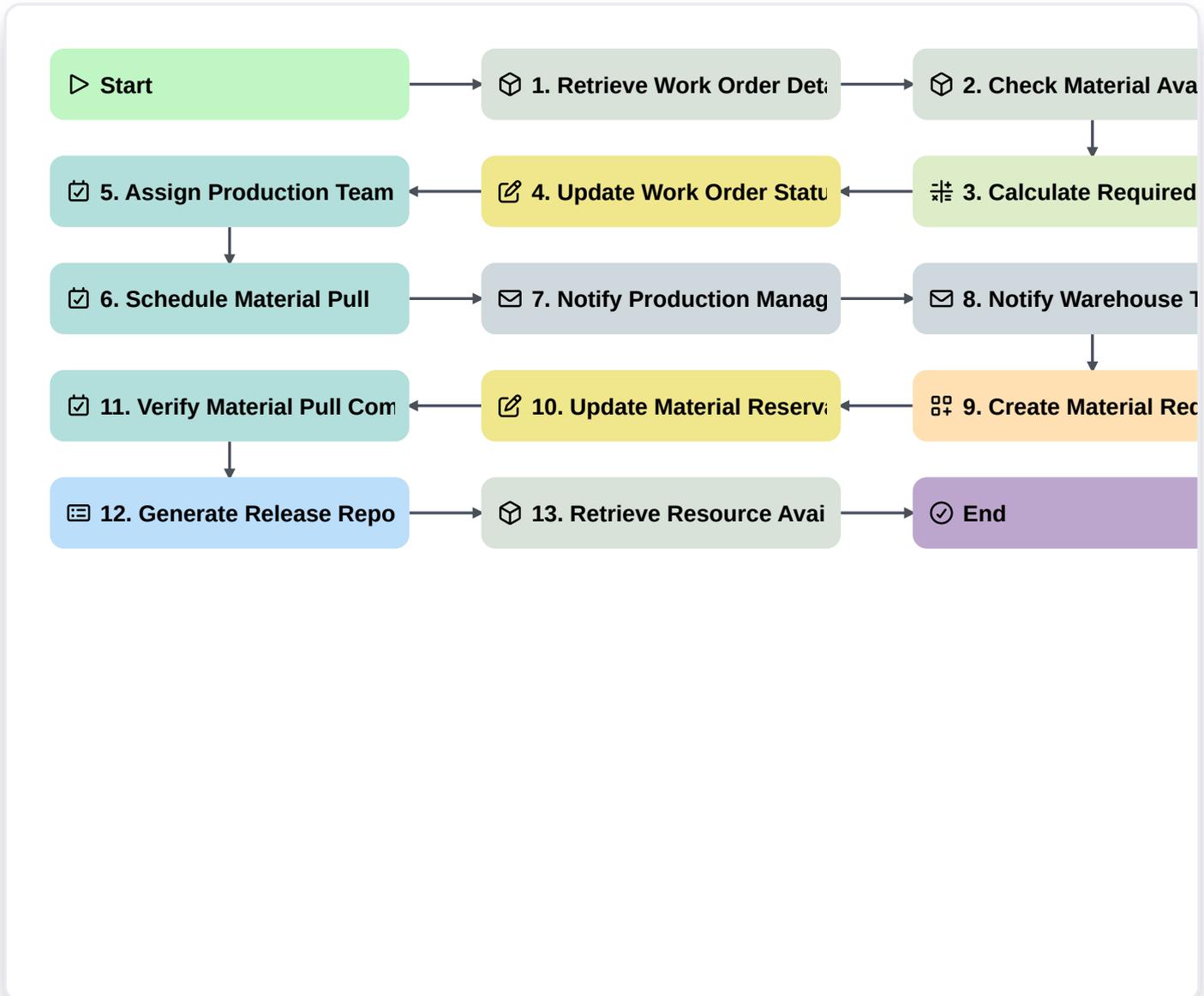


Work Order Release Workflow For Manufacturers



▷ **Start**

Start of the Workflow/Process.

 **1. Retrieve Work Order Details**

Fetch details from the 'Work Orders' data model based on Work Order ID.

 **2. Check Material Availability**

Retrieve current stock levels for required materials from the 'Inventory' data model.

 **3. Calculate Required Production Quantity**

Determine the total production quantity needed based on order and demand forecasts.

 **4. Update Work Order Status**

Change the status of the Work Order to 'Approved for Release'.

 **5. Assign Production Team**

Create a task to assign the production team to the released work order.

☑ **6. Schedule Material Pull**

Create a task for the warehouse team to pull necessary materials.

✉ **7. Notify Production Manager**

Send an email to the Production Manager about the released work order.

✉ **8. Notify Warehouse Team**

Send email to the warehouse team with a list of materials to pull.

🛒 **9. Create Material Request**

Create a request for the warehouse to pull required material.

✍ **10. Update Material Reservation**

Reserve the required materials against the work order in the 'Inventory' data model.

☑ **11. Verify Material Pull Completion**

Create a task for Production to verify materials received.

📄 **12. Generate Release Report**

Create a report summarizing the details of the released work order.

📦 **13. Retrieve Resource Availability**

Check availability of machines and labor.

☑ **End**

Start of the Workflow/Process.