Logistics
Platinum

HEC MONTRÉAL
ERP SIMULATION GAME
Logistics Game

User:	$_1 to $_9
Initial password:	ERPSIM

OPERATIONS

MD61 Create Planned Indep. Req. → **MD01** MRP Run → **ME59N** Create Purchase Orders → **ZMB1B** Stock Transfer Planning   **VK32** Change Price List

Independent Requirements

Purchase Requisitions

Products (Main Warehouse)

Products (Storage Locations)

REPORTS

ZME2N Purchase Order Tracking

ZME13 Procurement Sourcing

ZMB52 Inventory Report

ZVC2 Summary Sales Report

ZVA05 Detailed Sales Report

F.01 Financial Statements

Planning Process	*Procurement Process*	*Logistics Process*	*Sales Process*
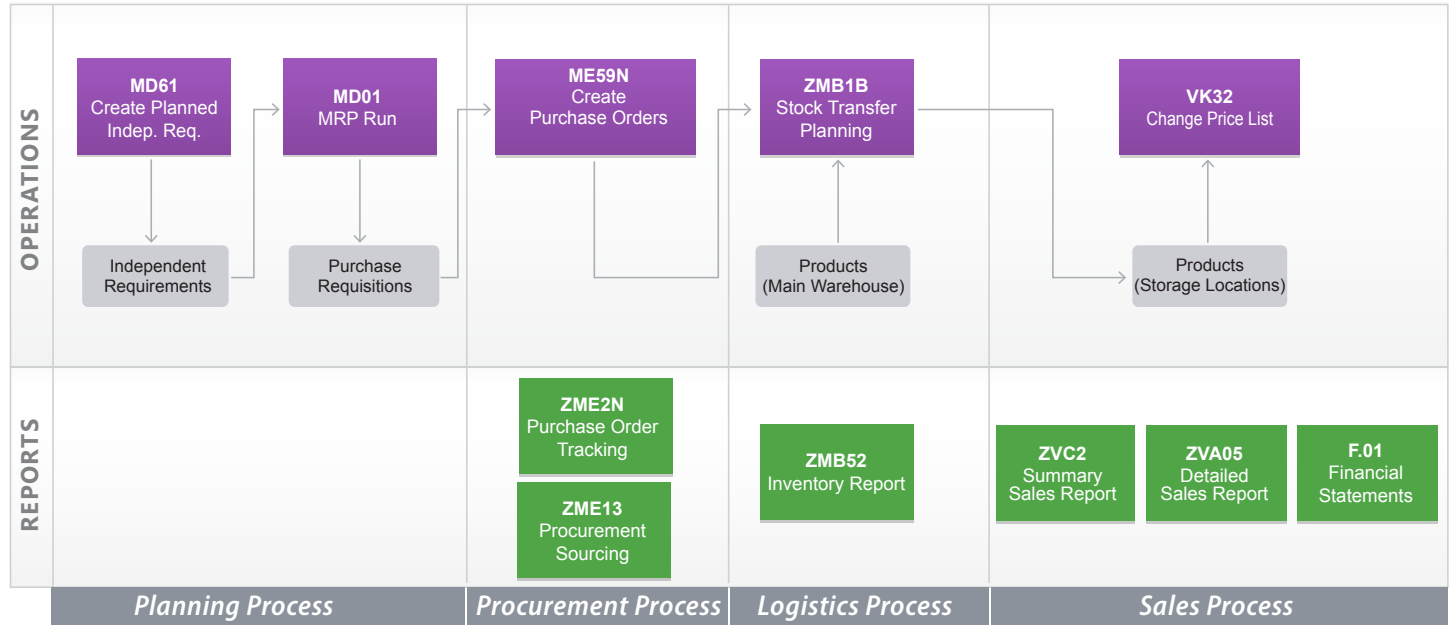
FORECAST SALES

Create Planned Indep. Req. (MD61)

1 ⦿ Product group: $$-T

2 Continue

3 Enter forecasted quantities in the 2nd date column

4 Save

! The quantity corresponds to the replenishment level

CALCULATE REQUIREMENTS

MRP Run (MD01)

1 Click on *Enter*

2 Ignore orange warnings
Click two more times on *Enter*

3 In the pop-up window, click
Continue

ORDER MATERIALS

Create Purchase Orders (ME59N)

1 Make sure the *Fixed Vendor* field is empty

2 Execute

! Purchase orders are created

! If no open requisitions :
No suitable requisitions found.

PLAN STOCK TRANSFER

Stock Transfer Planning (ZMB1B)

1 Select between a Push or Pull stock allocation approach

2 In *Scheduling*, enter your delivery frequency

3 Enter the amount of each product you wish to send/ maintain in each region

4 Save

MAINTAIN PRICES

Change Price List (VK32)

1 Open the *Prices* folder and double click on *Price list*

2 Verify *Distribution Channel* is **16**

3 Execute

4 Modify your prices

5 Save

FINANCIAL STATEMENTS

Financial Statements (F.01)

1 In *Company Code*, enter your <company code>*

2 GUI step
Select ALV Tree Control
FIORI step
In *Statement Version*, enter SIM1

3 GUI step Execute
FIORI step Go

STOCK LEVELS

Inventory Report (ZMB52)

Shows the stock levels for all the products in the main warehouse and the three regional storage locations

SALES DATA

Summary Sales Report (ZVC2)

Shows aggregate daily sales by product

Detailed Sales Report (ZVA05)

Shows sales related info such as sales revenue by region

PROCUREMENT TRACKING

Purchase Order Tracking (ZME2N)

Shows the details and the status of each purchase order

Shows the dates of expected goods delivery

Procurement Sourcing (ZME13)

Shows the price of each product sold by the vendor

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*To find your company code, refer to transaction ZORG (Organizational Structure)

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$$-T01	Milk		**$$-T04**	Cheese
	UNIT COST			UNIT COST
	€22.95			**€82.68**

$$-T02	Cream		**$$-T05**	Butter
	UNIT COST			UNIT COST
	€72.07			**€59.88**

$$-T03	Yoghurt		**$$-T06**	Ice Cream
	UNIT COST			UNIT COST
	€25.85			**€43.15**

German Market

North 4 Stores

West 4 Stores

South 4 Stores
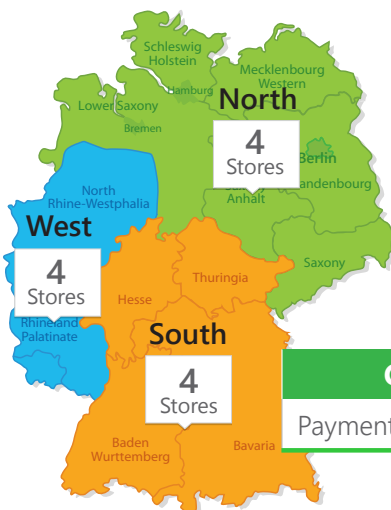
CUSTOMERS

Payment time (days)	4

SUPPLIER

Payment Time	5 days
Lead Time	1-2 days

General Information

Days/Round
10

Distribution Channel
DC16: Retail stores

TRANSPORTATION FEES

Purchasing Cost (from supplier to main warehouse)	€1 000
Main Warehouse to Regional Storage Location	€100

WAREHOUSING COSTS

Base Capacity (maximum capacity without additional fees)	**4 000 units**
Extra daily fee for each additional 1 000 boxes	€50

Total Market Size
Approx. €72 000 per company per day