

**UJIAN AKHIR SEMESTER GASAL 2017/2018
PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS TEKNOLOGI INDUSTRI**

MATA KULIAH : Enterprise Resource Planning (TF4414)
DOSEN : Yulia
HARI/TGL : Senin/ 11 Desember 2017
WAKTU : 07.30-09.00 (90 menit)
SIFAT : Tertutup

1. (30 poin) Buatlah BPMN dari proses Leaves Request sampai dengan disetujui/ ditolak oleh atasan. Proses Leave Request oleh Pegawai:

aaron on Legal Leaves 2017 : 5.00 day(s)

Description	Jim Berpergian ke Luar Negri
Leave Type	Legal Leaves 2017
Duration	11/29/2017 07:00:00 - 12/06/2017 19:00:00 5.00 days

Proses persetujuan oleh atasan (ingat bahwa ada 3 hal yang bisa dilakukan atasan terhadap sebuah permohonan leaves: 1. Approve 2. Refuse 3. Reset Draft (kembali ke pegawai untuk dilakukan revisi)

Department: leaves / aaron on Legal Leaves 2017 : 5.00 day(s)

Attachment(s) - Action -

1/1 < >

TO SUBMIT TO APPROVE APPROVED

aaron on Legal Leaves 2017 : 5.00 day(s)

Description	Jim Berpergian ke Luar Negri	Made	By Employee
Leave Type	Legal Leaves 2017	Employee	aaron
Duration	11/29/2017 07:00:00 - 12/06/2017 19:00:00 5.00 days	Department	Technology / Information Technology
		Reported subject	presripsi

Comment by Manager

2. (30 poin)
a. (10 poin) Apa yang dimaksud dengan manufacturing orders?
b. (20 poin) Gambarkan ER Diagram untuk proses perencanaan manufacturing orders!

Manufacturing Orders / New

CONFIRMED IN PROGRESS DONE

New

Product	Table	Deadline Start	11/22/2017 15:09:45
Quantity to Produce	1 000	Responsible	Yulia
Roll of Material	Table	Source	

CONSUMED MATERIAL:

Product	Quantity Available	To Consume	Consumed

3. (40 poin) Pada gambar berikut, kita bisa melakukan setting untuk kategori barang. Pada setting, bagian inventory valuation, terdapat 2 hal yang perlu di-setting, yaitu Costing Method dan Inventory Valuation.
- (15 poin) Sebutkan 3 teknik costing method yang Anda ketahui. Jelaskan masing-masing!
 - (15 poin) Sebutkan 2 teknik inventory valuation yang ada. Jelaskan masing-masing!
 - (10 poin) Jelaskan 3 manfaat ERP dalam membantu proses pada *accounting* sehingga perusahaan menjadi lebih efisien!

The screenshot shows the SAP 'Inventory Valuation' settings for a category. The 'Category name' is 'All'. Under 'Category Type', 'Product Category' is set to 'Normal'. The 'Inventory Valuation' section has 'Costing Method' and 'Inventory Valuation' both set to '-'. The 'Account Properties' section lists 'Price Difference Account' (20000 Product Costs), 'Expense Account' (20001 COGS), and 'Stock Input Account' (101121 Persediaan Dalam Proses (Receivable)). The 'Account Stock Properties' section lists 'Stock Output Account' (101131 Persediaan Dalam Proses (Deliverable)), 'Stock Valuation Account' (101110 Stock Valuation Account), and 'Stock Journal' (Stock_Journal_020). The 'Logistics' section has 'Costs' set to '-' and 'Price Removal Strategy' (FIFO in First Out (FIFO)) set to '- CF'.