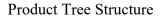
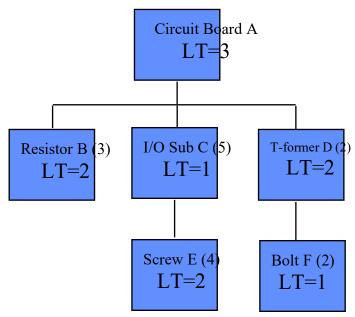
OMGT6743 Homework #2 - Materials Requirements Planning





<u>Item</u>	On Hand	Scheduled Receipts	Lot Size	<u>MPS</u>
Circuit Board A	11	0	1	100 period 6,
				320 period 7,
				270, period 8
Resistor B	51	0	10	
I/O Sub C	14	0	17	
T-former D	20	0	40	
Screw E	125	0	25	
Bolt F	100	0	100	

Judy needs to know how much of each component to order and when to order them. Help her set up an MRP schedule. This deliverable should include a short narrative describing how the MRP was set up and what the outcome is (speak specifically to items that are past due and all item order dates and amounts).

Item: Circuit Board		Period									
Lot size: 1	LT: 3	PD	1	2	3	4	5	6	7	8	
Gross requireme	ents							100	320	270	
Scheduled recei	pts										
Projected on har	nd										
Net requirement	S										
Planned order re	eceipts										
Planned order re	eleases										

Item: Resistor B	LLC: 1	Period									
Lot size: 10	LT: 2	PD	1	2	3	4	5	6	7	8	
Gross requiremen	ts										
Scheduled receipt	S										
Projected on hand											
Net requirements											
Planned order rec	eipts										
Planned order rele	eases										

Item: I/O Sub C LLC: 1	Period								
Lot size: 17 LT: 1	PD	1	2	3	4	5	6	7	8
Gross requirements									
Scheduled receipts									
Projected on hand									
Net requirements									
Planned order receipts									
Planned order releases									

Item: T-Former D LLC: 1		Period									
Lot size: 40 LT: 2	PD	1	2	3	4	5	6	7	8		
Gross requirements											
Scheduled receipts											
Projected on hand											
Net requirements											
Planned order receipts						·					
Planned order releases											

Item: Screw E	LLC: 2					Period				
Lot size: 25	LT: 2	PD	1	2	3	4	5	6	7	8
Gross requiremen	ts									
Scheduled receipt	S									
Projected on hand										
Net requirements										
Planned order rec	eipts									
Planned order rele	eases									

Item: Bolt F Ll	LC: 2	Period									
Lot size: 100 L	Γ: 1	PD	1	2	3	4	5	6	7	8	
Gross requirements											
Scheduled receipts											
Projected on hand											
Net requirements											
Planned order receip	ts										
Planned order release	es										