Curtin College

Curtin University

Assignment

Computer Systems 2000

Assignment

- Basic marking Rubric is on Moodle
- Looking for:
 - Structure (Table of contents, abstract/exec summary, conclusion)
 - Logical topology
 - Justification of choices
 - Quality of writing
 - 'realism' is your proposal suitable, realistic and affordable

Hints

- Write the outline first
- Think about a company/business in the real world
- Get someone to proofread it
- Ask me if unsure

Sample Outline

- Executive summary
 - This should give an overview in a couple of paragraphs
 - Introduce the company and it's IT requirements
 - Work top down
 - Requirements (staffing, equipment, desktops, servers, mobile printing etc..)
 - Topology
 - This can be logical, if you want you can include physical)
 - Specify OS and equipment
 - Specify server or cloud environment
 - Disaster recovery plan
 - Include backup and catastrophic recovery

Staff Levels and IT requirements

Subiaco Office

Position	Requirements	Number	Hardware Required	OS	
Local Sales	Inventory control, email	15	Tablet Windows 10		
Reception	Calendar, email	3	Desktop	Windows 10	
Clerical/administration/ checkout	Office, email, calendar, accounts system, payments, invoicing, inventory	5	Desktop	Windows 10	
	control	_			
Marketing	Office, email, calendar, creative suite, customer relationship	4	Laptop	Apple OSX	
	management				
Accounts	Office, email, calendar, accounts system, payroll, inventory control	10	Desktop	Windows 10	
Human Resources	Office, email, calendar	1	Desktop	Windows 10	
Site Manager	All systems	1	Laptop	Windows 10	
Company Secretary	All systems	1	Laptop	Windows 10	
CEO	All systems	1	Laptop	Windows 10	

Midland Office

Position	Requirements	Number	Hardware Required	OS
Clerical/administration	Office, email, calendar, inventory control	5	Desktop	Windows 10
Reception/warehouse	Calendar, email	1	Desktop	Windows 10
Shipping Sales	Inventory control, email, customer relationship management	4	Laptop	Windows 10
Warehouse manager	All systems	1	Laptop	Windows 10

IT Department

Position	SAGE Level	Requirements	Number	Location	Hardware Required	OS
Senior System Administrator	Level IV	All systems	1	Subiaco	Desktop	Linux
Intermediate System	Level III	Office, email, accounts system, inventory	1	Subiaco	Desktop	Linux
Administrator		control				
Junior System Administrator	Level II	Office, email, accounts system, inventory	1	Midland	Desktop	Linux
		control				

Topology Number of Access Points subject to range of AP and satisfactory data throughput Cloud-PT Internet Subiaco Office Midland Office Server-PT couter-PT Leased Line Router P1 Windows Server 2012 Router0 Router 000000 AccessPoint-PT Access Point0 Central-Office-Server Central-Office-Server Linux Server Backup Server Printer-PT Network Office Printer/Scanner AccessPoint-PT AccessPoint1 Printer-PT PC-PT Subiaco IT Staff x3 Printer/Scanner TabletPC-PT Sales x 15 Human Resources TabletPC-PT Midland IT Staff Sales x 4 Laptop-PT CEO Subiaco Reception x 3 Laptop-PT PC-PT Midland Administration x 5 Marketing x 4 Laptop-PT Laptop-PT Company Secretary Site Manager Laptop-PT Laptop-PT Accounts x 10 Warehouse Manager Midland Reception Subiaco Administration x 5

Submission

- Submit via Moodle
 - Specific instructions to come close to submission
- Group assignment 2 members for each group
- Due date: 5pm Friday of Week 12
- Happy to check outlines