SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4th Year 2nd Semester 2016

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Asset Register

University of Colombo

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Scope	ISMS PROJECT
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https://github.com/dkharshanath/ESBPII-Assignment_5

List of Digital assets and Valuation of Digital Assets

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Asset Title	Asset Details		Value
1	Student Marks Database	Asset ID	SMD001	5
		Owner	Head of the department/ Faculty Dean/CIO/CEO	
		Custodian	Administrator	
		Users	Lecturers/ Faculty dean/Assistant lecturers/ Students/ Parents	
		Location	Computing building 4th floor	
		Storage Details	Hard disk	
		Classification	Internal	
		Life Cycle	Creation, Stored, Backup, Destroy (Validity - 7 years)	
		Disposal Method	Delete	
		Backup Schedule	Monthly	
		Backup Location	Onsite backup	
		Confidentiality Requirements	User ID, Password	H
		Integrity Requirements	Encryption	L
		Availability Requirements	Gigabit ethernet	L

List of Business Database and Valuation of Business Databases

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Business Database Title	Business Database Details		Value
1	Student database	Asset ID	SD001	8
		Owner	An issue: Student information admin/ ITSD	
		Custodian	Student Information admin	
		Users	Lecturers/ Finance department/ Library staff members/HR department	
		Location	UOC student database	
		Sys Admin	Internal	
		Life Cycle	Full, Student Information Server	
		Application / Business Specific requirements	Finance department requirements/ Faculty requirements	
		Technical Contact [SA/NA/DBA]	DBA	
		Vendor	Oracle	
		Expected Life	7 years	
		Expired Life	7 years	
		Maintenance Status	Maintaining	
		Purpose / Service / Role	Purpose	
		Dependency	Partial	
		Backup Schedule	Monthly	
		Backup Location	Onsite backup	
		Confidentiality Requirements	User ID, Passwaord	H
		Integrity Requirements	Encryption	H
		Availability Requirements	Internal	M

List of Source Codes and Valuation of Source Codes

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Source Code	Source Code Details		Value
1	Learning Management System source code	Asset ID	CWSC002	7
		Owner	ITSD	
		Custodian	ITSD	
		Users	Lectures/ Assistant lectures	
		Location	UOC server	
		Procejt Manager	Head of ITSD	
		Life Cycle	Internal	
		Business Specific requirements	Has to include all the necessary documents needed by students.	
		Technical Contact	ITSD developers	
		Version Number	Version 1.2	
		Expected Life	7 years	
		Expired Life	7 years	
		Maintenance Status	Updating	
		Purpose / Service / Role	Service	
		Dependency	Full dependency	
		Backup Schedule	Weekly	
		Backup Location	Onsite backup	
		Confidentiality Requirements	UserID, Password	L
		Integrity Requirements	Encryption	H
		Availability Requirements	Ethernet	H

List of Softwares and Valuation of Softwares

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Description	Details		Value
	Print Service	Owner	UOC	3
		Custodian	Sytem admin	
		Users	Students	
		Classification as per IT Dept.	System software	
		Asset ID	PS2333	
		Serial Number	SN826592932456	
		Type	Application	
		Location [Server / Desktop ID]	Server	
		Version	1.2	
		License Details	Adquired	
		No. Of Licenses	1	
		Application / Business Specific requirements	Fast access	
		Technical Contact [SA/NA/DBA]	IT division	
		Vendor	Redhat	
		Expected Life	4 years	
		Expired Life	3 years	
		Maintenance Status	Basic	
		Purpose / Service / Role	Print service	
		Dependency		
		Redundency Requirenebts		
		Confidentiality Requirements for data Processed	UserID, Password	L
		Integrity Requirements for data Processed	Licese, Encryption	L
		Availability Requirements for data Processed	Printer access	L

List of Non Digital assets and Valuation of Non Digital Assets

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Asset Title	Asset Details		Value
1	Backup Tapes	Asset ID	PS2567	3
		Owner	UOC	
		Custodian	System administator	
		Users	Staff	
		Location	Server room	
		Storage Details	Tapes	
		Classification	Internal	
		Life Cycle	Write, Store	
		Disposal Method	Eradicate data	
		Backup	AWS	
		Backup Location	Cloud	
		Confidentiality Requirements	Door key	L
		Integrity Requirements	Write once	L
		Availability Requirements	Tape reader	L

List of People Assets and Valuation of People Assets

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Role	Role Details		Value
1	Senior Lecturer	Department	Science	3
		Reporting to	Head of the department / Faculty dean	
		Access to High Value Info. Assets	Granted	
		Alternate Role	Faculty dean	
		NDA Requirements	Protect information	
		KRA	Supervisor	
		Min. Required Capabilites		
		Confidentiality Requirements	User ID	L
		Integrity Requirements		L
		Availability Requirements		L

List of Servers and Valuation of Servers

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Server Name	Server Details		Value
	Learning Management System server	Owner	ITSD	9
		Custodian	ITSD	
		Users	ITSD/ Networking staff	
		Classification as per IT Dept.	Internal	
		Asset ID	CW09	
		Serial Number	C/345/33	
		IP Address	192.233.23.2	
		Rack Number	3	
		Slot Number	4	
		Host Name		
		OS	Windows	
		Service Packs Required		
		Software/Application Details		
		Application / Business Specific requirements		
		Technical Contact [SA / NA]	SA	
		Vendor	HP	
		Expected Life	7 Years	
		Expired Life	7 Years	
		Maintenance Status	Updating	
		SLA	Yes	
		OLA	Yes	
		Make / Model		
		CPU		
		RAM		
		HDD		
		Purpose / Service / Role	Purpose	
		Dependency	Full	
		Redundency Requirenebts		
		Stored Information Assets	LMS information	
		Backup Schedule	Weekly	
		Confidentiality Requirements for data stored	User ID, Passwaord	H
		Integrity Requirements for data stored	Encryption	H
		Availability Requirements for data stored	Internal	H

List of Network Devices and Valuation of Network Devices

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Device Name	Device Details		Value
	Rotuers	Owner	UOC	
		Custodian	Network administrator	
		Users	Students, Staff	
		Classification as per IT Dept.		
		Asset ID	RT8765	
		Serial Number	FCH1714D55Q	
		IP Address	192.168.132.121	
		Netted IP	178.116.110.10	
		Hostname	UOC-RTR-A	
		IOS	IOS12.2	
		Location	Main building server room	
		Application / Business Specific requirements	File sharing / Service access	
		Technical Contact [SA/NA]	Network administrator	
		Vendor	Cisco	
		Expected Life	5 years	3
		Expired Life	5 years	
		Maintenance Status	Monthly	
		SLA	Yes	
		OLA	Yes	
		Make / Model	2911	
		CPU	Muliti core	
		RAM	1GM	
		HDD	FLASH EEPROM	
		Purpose / Service / Role	Routing / Network access	
		Features	VPN access to the network	
		Configuration Backup	Yes	
		Backup Schedule	Weekly	
		Backup Location	DR site	
		Dependency	Yes	
		Redundency Requirenebts	Yes	
		Confidentiality Requirements	Username / Password	L
		Integrity Requirements		L
		Availability Requirements		L

List of Desktops and Valuation of Desktops

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Desktop Name	Desktops		Valu e
	Desktops	Owner	Faculty/ ITSD	8
		Custodian	Faculty	
		User [Role]	Undergraduates/ Staff	
		Classification as per Function	Internal	
		Asset Location	Compuer labs/ Staff area/ All other working areas	
		Asset ID	PC404-32	
		Serial Number		
		IP Address		
		Machine Name	Yes	
		Sharing	No	
		Shared Drives / Folders	Yes	
		Application / Business Specific requirements		
		Vendor	HP	
		Expected Life	7 years	
		Expired Life	7 years	
		Maintenance Status	Updating	
		OLA		
		Make / Model		
		CPU		
		RAM		
		HDD		
		Anti Virus Updation		
		Backup Schedule	Monthly	
		Dependency	Partial	
		Redundency Requirenebts		
		Stored Information Assets		
		Confidentiality Requirements for data stored	UserID, Password	M
		Integrity Requirements for data stored		H
		Availability Requirements for data stored		H

List of Media and Valuation of Media

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Media Name	Media Details		Value
	Advertisments	Owner	UOC	7
		Custodian	VC	
		User [Role]	Undergraduates	
		Classification as per Function	Public	
		Asset Location	Internet	
		Asset ID	A3467	
		Serial Number		
		Application / Business Specific requirements		
		Make / Model		
		Capacity		
		Whether Stored off premises		
		Backup Schedule	Monthly	
		Restoration Check Schedule		
		Dependency	Full	
		Redundency Requirenebts		
		Stored Information Assets		
		Confidentiality Requirements for data stored		H
		Integrity Requirements for data stored		H
		Availability Requirements for data stored		L

List of Support Utilities and Valuation of Support Utilities

University of Colombo

Version Number 1.0 Dt. 16.09.2016

#	Utility	Support Utilities Details		Value
	Recovey softwares	Owner	ITSD	9
		Custodian	ITSD	
		User [Role]	Software professionals/ Networking professionals	
		Classification	Internal	
		Asset Location	Inside computers	
		Asset ID	RS2345	
		Serial Number		
		Application / Business Specific requirements		
		SLA		
		OLA		
		Make / Model		
		Capacity		
		Redundency Requirenebts		
		Confidentiality Requirements	Username / Password	H
		Integrity Requirements		H
		Availability Requirements		H