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NTFS Exercise 2

We want to create some folders in D:\ according to the following criteria:

• A personal folder for each user, which can only be accessed by the corresponding user. They can do everything. You only need to create the folder for one of the users, since the others are similar.

• A read-only folder for all the students called "shared". The responsible user is able to create or delete files and folders. The software user cannot access this folder.

• A folder only for first year students into the shared folder, where they can create files and folders, but not delete them. Second year students will not be able to access.

• Do the same as above for second year students (into the shared folder too). First year students will not be able to access.

Do the following:

a) Explain the users and groups required for the computer.

b) Explain the folders we need according to the criteria above.

c) Set the NTFS permissions for all the users and groups in each folder created in part B. For the subfolders, consider two scenarios: inheritance and non-inheritance.

Personal_folder

User/Group	Allow					Deny				
	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
Software_1	X	X	X	X	X					
Software_2	X	X	X	X	X					
Hardware_1	X	X	X	X	X					
Hardware_2	X	X	X	X	X					

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Personal_folder

User/Group	Allow					Deny				
	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
Server_1	X	X	X	X	X					
Server_2	X	X	X	X	X					
Security_1	X	X	X	X	X					
Security_2	X	X	X	X	X					

Shared_Folder

User/Group	Allow					Deny				
	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
First_year			X	X						
Second_year			X	X						
software									X	
responsable		X	X	X	X					

- First year includes hardware and software users
- Second year includes servers and security

First_year

User/Group	Allow					Deny				
	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
first			X	X	X					
responsable		X	X	X	X					

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Second_year

User/Group	Allow					Deny				
	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
second			X	X	X					
responsable		X	X	X	X					