

(a) A file server on a network is used to store all files and data on the network. It also controls the network administration i.e. usernames and passwords used to log onto the network.

(b) The data redundancy in the data base is the computer number field. This can cause problems if the database increases in size as one would have to rely on memory as to which computer relates to which number. It would be a lot easier to refer to them by what they are used for (eg. File server)

(c)

primary key	System Diagnostics			Location Details				foreign key
	Computer Number	Computers Ram	Computer H.D.	Location	Phone Ext.	Room No.	Computer Number	
	001	64	6		Reception	3227	9023	001
	002	64	10		Reception	3227	9023	002
	003	128	8		Managers office	1859	9115	003
	004	96	8		Managers office	1859	9115	004
	005	256	40		Store Room 3	2016	9153	005