

a specific task on a network, ie to manage
applications/data of a particular kind.

Specifically a file server ctores and manages the
files used within the network. It allows other
nodes to access these files when necessary for
processing or other tasks. By holding all file in
one place this can save valuable space on the memory
of other nodes. It is also sofer from possible
hackers and keeps data accurate by storny themain file in one place than many.

b) Data redundancy is the unessary duplication of data within a database. Here location is redundant data as it can be interpreteed by using the room number.

The entrys in Location' are often long-such as 'Manager's Office', thus they use externa bits and therefore memory to store this information.

As the database increases in size the Location



field will use up more and more valuable storage
space. Similarly if quenes are run on the data,
the more data in the database there is to search,
the more time it will take to finish the search.
The database may also take longer to open or
save with this amount of redundant data.
c) Computer Betails Computer Storage
Comp. number Comp. RAM
Soom number Comp hard disk
Phone extention comp. number.
PTO
·



	C) Computer, details					Computer Storage			
pn	mary -	Comp. ro.	Phone ex.	room no.		7 Comp. no	Comp kan	Comp H.D	
	heg	001	3227	9023	foreigh key	001	64	6	
		002	3227	9023		002	64	10	
		003	1859	9115		003	128	8	
		004	1859	9115		004	96	8	
	,	005	2016	9/53		2005	256	40	