

amenities		
PK	aID	integer
	name	Text

lookup table
for
employeeType

amenities	name
1	desk
2	printer
3	monitor
4	whiteboard

assume that none of the attributes can be empty (null), unless otherwise noted with a cardinality constraint, e.g., [0..1] or [0..*]

resolve any many-to-many relationships and add lookup tables where needed

track the manager/supervisor of the employee as we need to know this information for approval of office assignments; assume that only internal employees must have a manager, but external employees (contractors or contingent employees) may or may not have one or more supervisors

Lookup table for employeeType:
Internal employees (employeeType = 1) must have at least one supervisor in EmployeeSupervisor. External employees (employeeType = 2) may or may not have one or more supervisors.

an office may contain zero or more amenities; some offices can be completely empty.

Office			
PK	oID	integer	
	name	Text	
	perDiemRate	Number	
Fk	aID	integer	

OfficeAssignment		
PK,FK	oID	integer
PK,FK	eID	Text

Employee			
PK	eID	Text	
	name	Text	
	title	Text	
FK	etID	integer	

employeeType		
PK	etID	Integer
	TypeName	Text

oID	name	perDiemRate
1	LA	3.3
2	BI	5.5

Sample Table
fo rme to
visualize.

oID	eID
01	A2A
02	B2B

Sample Table
fo rme to
visualize.

eID	etID	name	title
A2A	123	Alicia	CSE
B2B	124	Mark	SDE

Sample Table
fo rme to
visualize.

Oragnization			
PK	oID	Integer	
	name	Text	
FK	eID	Text	
FK	esID	Integer	

EmployeeSupervisor		
PK, FK	eID	Text
PK	esID	integer

eID	esID
011	999
012	991

Sample Table
fo rme to
visualize.

type	typeName
1	internal
2	external