

Re: Table Design

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- *From:* Weste <Weste@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 25 Jul 2008 06:28:00 -0700
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Thank you Dave, Pete, and StrayBullet for your suggestions. They are all very helpful.

"StrayBullet via AccessMonster.com" wrote:

You could edit the Asset table to be just:

Assets Table
AssetID
AssetDescription

and add an Ownership table and OwnershipType table

Ownership Table
OwnershipID
AssetID
OwnershipTypeID
OwnerID

OwnershipType Table
OwnershipTypeID (autonumber)
OwnershipTypeDescription (Employee, Store, Division)

You could then populate the Ownership table with each Asset's Owner's information – the combination of OwnershipTypeID and OwnerID would be unique.

This setup is easily filled using cascading comboboxes on your form. When entering an Asset, you could simply choose the ownership type (Employee, Store, Division) and then the next combobox would automatically filter to allow selection of the owner from that group.

Weste wrote:

I am building an asset tracking database and have a design question. An asset can be owned by either an employee, store, or a division. I have a table for employees, stores, and divisions. Each table with some of its

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fields is below. My question is about the Assets table. I need to track the owner of the asset in the Assets table. Should I have 3 separate fields in the table to indicate owner EmployeeID, StoreID, or DivisionID where only 1 of the 3 can be populated for an asset? This doesn't seem to be the best solution for a normalized design. However, I am stumped as how to improve it since the owners are so different. Any help would be greatly appreciated.

Assets Table
AssetID
AssetDescription
EmployeeID
StoreID
DivisionID

Employees Table
EmployeeID
LastName
FirstName
DepartmentID
JobTitleID
TerminationDate

Stores Table
StoreID
StoreNumber
StoreName
DepartmentID

Divisions Table
DivisionID
DivisionName
DepartmentID

Departments Table
DepartmentID
DepartmentNumber
DepartmentName

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